## Index to volume 150

## Author index\*

AARSKOG, DAGFINN (see MARKESTAD ET AL.), 254

ABBOUD, THERESE K. (see HOFFMAN ET AL.), 492

ADDISON, W. ALLEN (see LIVENGOOD, ADDISON, and VOELLER), 319

AGRONOW, SAMUEL J. (see REID ET AL.), 189

AHRAM, JOSEPH A., TOAFF, MICHAEL E., CHANDRA, PRASANTA, LAFFEY, PATRICIA, and CHAWLA, HARBHAJAN S. Successful outcome of a twin gestation in both horns of a bicornuate uterus, 323 (Comm. in brief)

AKSNES, LAGE (see MARKESTAD ET AL.), 254

ALEXANDER, CHARLES E. (see MASCOLA, PELOSI, and ALEXANDER), 945

ALGER, LINDAY S., KISNER, HAROLD J., and NAGEY, DAVID A. The presence of a meconium-like substance in second-trimester amniotic fluid, 380

ALLITTO, BERNICE A. (see KUTTEH ET AL.), 65

AMICO, JANET (see SEITCHIK ET AL.), 225

AMIR, SYED M., OSATHANONDH, RAPIN, BERKOWITZ, ROSS S., and GOLDSTEIN, DONALD P. Human chorionic gonadotropin and thyroid function in patients with hydatidiform mole, 793

ANDERSON, GARY D., BLIDNER, ILSA N., McCLEMONT, SHARON, and SINCLAIR, JOHN C. Determinants of size at birth in a Canadian

population, 326 ANDERSON, ROBERT L., SIMPSON, GARY F., SHERMAN, SANFORD, DEDO, HERBERT H., and GOLBUS, MITCHELL S. Fetal pharyngeal teratoma—Another cause of elevated amniotic fluid α-fetoprotein, 432 (Comm. in brief)

APIMAS, SUPANEE J. (see KOETSAWANG ET AL.), 931

ARIAS, FERNANDO (see SALINAS and ARIAS), 541

ARO, TIMO, HAAPAKOSKI, JAASON, HEINONEN, OLLI P., and SAXÉN, LAURI. Lack of association between vitamin intake during early pregnancy and reduction limb defects, 433 (Comm. in brief)

AROF, HOWARD M., GERBIE, MELVIN V., and SMELTZER, JAMES. Cry-osurgical treatment of cervical intraepithelial neoplasia: Fouryear experience, 865

ARTAL, R. (see ROMEM and ARTAL), 546

ASCH, RICARDO H. (see SCHENKEN ET AL.), 349

ASHMEAD, GRAHAM (see CARITIS ET AL.), 7

AVERETTE, HERVY E., LICHTINGER, MOISES, SEVIN, BERND-UWE, and GIRTANNER, ROBERT E. Pelvic exenteration: A 15-year experience in a general metropolitan hospital, 179

AYERS, LEONA W. (see BUMP ET AL.), 917

BAKRI, YOUNES N., and GIVEN, FRED T., JR. Radioactivity in blood and urine following intraperitoneal instillation of chromic phosphate in patients with and without ascites, 184

BALLON, SAMUEL C. (see TENG and BALLON), 961

BAR-MEIR, SIMON, and ROTMENSCH, SIEGFRIED. Investigation of obstructive jaundice by an ultra-thin-caliber endoscope: A new technique for potential use in pregnancy, 1003 (Comm. in

BARBER, HUGH R. K. Ovarian cancer: Diagnosis and management, 910 (Clinical opinion)

BARNES, A. DAVID, HARDER, ELMER, and TOOT, PAUL J. Successful pregnancy following partial hepatectomy for removal of hepatocellular adenomas, 998 (Comm. in brief)

BARRETT, JEFFREY M. Fetal resuscitation with terbutaline during eclampsia-induced uterine hypertonus, 895 (Comm in brief) BARROWS, HOLLY (see IAMS and BARROWS), 977

BELFIELD, ALAN (see RUBIN ET AL.), 389 BELLINA, JOSEPH H., MEANDZIJA, P., SCHILLT, VLADIMER, VOROS, JANOS I., BERGER, MAX, FICK, ANA CORREA, JACKSON, JEFF D., and McNaughton, Scott. Analysis of electronically pulsed versus quasi-continuous wave carbon dioxide lasers in an animal model, 934

BELLUCCI, MITCHELL J., COUSTAN, DONALD R., and PLOTZ, RICHARD D. Cervical scleroderma: A case of soft tissue dystocia, 891 (Comm. in brief)

BERG, CYNTHIA (see STEIN ET AL.), 333

BERGER, MAX (see BELLINA ET AL.), 934

BERGER, TRISH (see SUELDO ET AL.), 528

BERGMAN, ARIEH, and BHATIA, NARENDER N. Uroflowmetry: Spontaneous versus instrumented, 788 (Comm. in brief)

BERKOWITZ, ROSS S. (see AMIR ET AL.), 723

BERMAN, MICHAEL L. (see RETTENMAIER ET AL.), 882 BERSINGER, NIKLAUS A., and KLOPPER, ARNOLD. Serum concentration of pregnancy-associated plasma protein A in the first trimester

of pregnancy, 780 Bhatia, Narender N. (see Bergman and Bhatia), 788

BHATNAGAR, R. K. (see FARLEY ET AL.), 485

-(see FORD ET AL.), 480

BLIDNER, ILSA N. (see ANDERSON ET AL.), 236

BLOCK, BARRY S. B., LIGGINS, GRAHAM C., and CREASY, ROBERT K. Preterm delivery is not predicted by serial plasma estradiol or

progesterone concentration measurements, 716

—, PARER, JULIAN T., COURT, DENIS J., and LLANOS, ANIBAL J. Continuous measurement of oxygen consumption in fetal sheep,

BOBO, RAYMOND A. (see WAITES ET AL.), 998

BOND, BRIAN (see KJORSTAD and BOND), 297

BORTEN, MAX, and FRIEDMAN, EMANUEL A. Postconceptional induction of menses with double prostaglandin F2a impact, 1006 (Comm. in brief)

-, DILEO, LUCILLE A., and FRIEDMAN, EMANUEL A. Low-dose prostaglandin E2 analogue for cervical dilatation prior to pregnancy termination, 561

BOURGEOIS, F. JOHN, THIAGARAJAH, SIVA, and HARBERT, GUY M., JR. The significance of fetal heart rate decelerations during nonstress testing, 213

-(see THIAGARAJAH ET AL.), 1

BOYCE, JOHN (see SILLMAN ET AL.), 300

BRAME, ROBERT G. (see MATTOX ET AL.), 132

BRAUN, LUNDY (see REID ET AL.), 189

BROOKINGS, ENEIDA S. (see WAITES ET AL.), 998

BROUSSARD, PAULA M. (see EGLINTON ET AL.), 97 BRUSH, M. G., WATSON, S. J., HORROBIN, D. F., and MANKU, M. S. Abnormal essential fatty acid levels in plasma of women with

premenstrual syndrome, 363 BUCHHAGEN, DOROTHY (see SILLMAN ET AL.), 300

BUCKALEW, VARDAMAN M., JR., (see GUDSON, BUCKALEW, and HEN-NESSY), 83

BUESCHING, WILLIAM J., III (see BUMP ET AL.), 917

BUMP, RICHARD C., ZUSPAN, FREDERICK P., BUESCHING, WILLIAM J., III, AYERS, LEONA W., and STEPHENS, THOMAS J. The prevalence, six-month persistence, and predictive values of laboratory indicators of bacterial vaginosis (nonspecific vaginitis) in asymptomatic women, 917 (Clinical opinion)

BURSTEIN, PAUL (see VENUTO, BURSTEIN, and SCHNEIDER), 431

BURTON, P. J. (see SYKES ET AL.), 847

BUTLER, SANDRA L. (see HANKINS ET AL.), 100

BUTTERS, LUCY (see RUBIN ET AL.), 389

Byrick, R. J. (see Cupryn, Kennedy, and Byrick), 327

\*September 1, 1-114; September 15, 115-224; October 1, 225-332; October 15, 333-442; November 1, part 1, 443-572; pz.: 2, 573-688; November 15, 689-800; December 1, 801-904; December 15, 905-1036.

C

CAHILL, LINDA (see NAGEL ET AL.), 76 CALLEN, PETER W. (see HOLZGREVE ET AL.), 805 CAMARGO, MAURICIO (see NAGEL ET AL.), 76

CARITIS, STEVE N., TOIG, GARY, HEDDINGER, LYNN A., and ASHMEAD, GRAHAM. A double-blind study comparing ritodrine and terbutaline in the treatment of preterm labor, 7

CARO, J. (see MITCHELL ET AL.), 217

CARPENTER, R. J. (see CLAMAN, CARPENTER, and REITER), 889

-(see Perone, Carpenter, and Robertson), 801

CARR, BRUCE R., and SIMPSON, EVAN R. Cholesterol synthesis by human fetal hepatocytes: Effects of lipoproteins, 551

-(see PARKER ET AL.), 263, 754

CARRILLO, ARTURO (see YAMBAO ET AL.), 426

CASEY, M. L. (see PARKER ET AL.), 754 CASSELL, GAIL H. (see WAITES ET AL.), 998

CASSLÉN, B., and NILSSON, B. Human uterine fluid, examined in undiluted samples for osmolarity and the concentrations of inorganic ions, albumin, glucose, and urea, 877

CASTILLO, MARIA (see SEITCHIK ET AL.), 225 CATALANO, PATRICK M. (see CLAPP ET AL.), 843

CATES, WILLARD, JR. (see GRIMES, SCHULZ, and CATES), 689

CAUDLE, MICHAEL R. (see THIAGARAJAH ET AL.), 1 CAVALIERI, RALPH L., and WOODLING, SONJA. Purification of lamellar bodies from human amniotic fluid, 409

CERVENKA, JAROSLAV (see NAGEL ET AL.), 76 CHALLIS, J. R. G. (see MITCHELL ET AL.), 217

CHAMBERLAIN, P. F., MANNING, F. A., MORRISON, I., HARMAN, C. R., and LANGE, I. R. Ultrasound evaluation of amniotic fluid volume. I. The relationship of marginal and decreased amniotic fluid volumes to perinatal outcome, 245

and -.. Ultrasound evaluation of amniotic fluid volume. II. The relationship of increased amniotic fluid volume to perinatal outcome, 250

CHAMPION, CHERYLE B. (see KOETSAWANG ET AL.), 931

CHANDRA, PRASANTA (see AHRAM ET AL.), 323

CHANG, FRANK E. (see FRIEDMAN ET AL.), 436

CHATTERJEE, MOLLY, SAMA, JAHIR, SCHMIDT, RINA, and DOWLING, PATRICIA K. Diagnosis of trisomy 21 by chorionic villus biopsy, (Comm. in brief) 319

CHAWLA, HARBHAJAN S. (see AHRAM ET AL.), 323 CHAVIS, CLAUDE (see SULTAN ET AL.), 956

CHIK, LAWRENCE (see ROSEN and CHIK), 775

(see FERRONI ET AL.), 270

CHOLST, INA N., WARDLAW, SHARON L., NEWMAN, CONNIE B., and FRANTZ, ANDREW G. Prolactin response to breast stimulation in lactating women is not mediated by endogenous opioids, 558

CHOO, Y. C. (see WONG, CHOO, and MA), 924 CHUACHINGCO, JOYCE (see YAMBAO ET AL.), 426 CLAIR, KEVIN M. (see ZAUNER ET AL.), 714

CLAIR, WILLIAM J. (see ZAUNER ET AL.), 714 CLAMAN, PAUL, CARPENTER, R. J., and REITER, ALEX. Uterine rupture with the use of vaginal prostaglandin E2 for induction of labor,

889 (Comm. in brief)

CLAPP, JAMES F., III, McLaughlin, Margaret K., Gellis, Janice, Hemphill, Caleb, and Catalano, Patrick M. Regional distribution of cerebral blood flow in experimental intrauterine growth retardation, 843

CLARK, DONALD (see RUBIN ET AL.), 389 CLARK, LORRAINE (see MINKOFF ET AL.), 965 CLARK, STEVEN L. (see RODRIGUEZ ET AL.), 433

CLARKE-PEARSON, DANIEL L. (see SMITH, CLARKE-PEARSON, and CREASMAN), 927

—(see SOPER ET AL.), 342, 437 CLEMONS, GISELA K. (see SUSA ET AL.), 415

CLOUD, GRETCHEN A. (see MAZUR and CLOUD), 354

CLYMAN, RONALD I. (see MURAI ET AL.), 758

COLARDYN, FRANCIS (see VANDEKERCKHOVE ET AL.), 320

COLEMAN, SIDNEY A. (see DUNN ET AL.), 861

COLTON, ROBERT, PEREZ, GUIDO O., and FISHMAN, LAWRENCE M. Pri-

mary aldosteronism in pregnancy, 892 (Comm. in brief) Conway, David I., Prendiville, Walter J., Morris, Audrey, SPELLER, DAVID C. E., and STIRRAT, GORDON M. Management of spontaneous rupture of the membranes in the absence of labor in primigravid women at term, 947

COTTON, DAVID B. (see GONIK and COTTON), 99 COULAM, CAROLYN B., GRAHAM, MARK L., II, and SPELSBERG, THOMAS C. Androgen insensitivity syndrome: Gonadal androgen re-

ceptor activity, 531 -(see GRAHAM ET AL.), 534

COURT, DENIS J. (see BLOCK ET AL.), 406

COUSINS, LARRY, DATTEL, BONNIE J., HOLLINGSWORTH, DOROTHY R., and Zettner, Alfred. Glycosylated hemoglobin as a screening test for carbohydrate intolerance in pregnancy,

COUSTAN, DONALD R., and IMARAH, JÖSEPH. Prophylactic insulin treatment of gestational diabetes reduces the incidence of macrosomia, operative delivery, and birth trauma, 836

-(see Bellucci et al.), 891

COWCHOCK, SUSAN, DEHORATIUS, RALPH J., WAPNER, RONALD J., and JACKSON, LAIRD G. Subclinical autoimmune disease and unexplained abortion, 367

COX, KAY (see STRICKLAND ET AL.), 952

CRANE, JAMES P., and KOPTA, MAZIE M. Genetic amniocentesis: Impact of placental position upon the risk of pregnancy loss, 813 CREASMAN, WILLIAM T. (see SMITH, CLARKE-PEARSON, and CREASMAN),

927

(see SOPER ET AL.), 342, 437 CREASY, ROBERT K. (see KATZ and CREASY), 497 -(see BLOCK, LIGGINS, and CREASY), 716

CROCKER, DIANE W. (see DUNN ET AL.), 861

CROMBLEHOLME, WILLIAM (see MINKOFF ET AL.), 965

CROSS, J. (see MITCHELL ET AL.), 217 CRUM, CHRISTOPHER P. (see REID ET AL.), 189

CULLEN, MARK (see ROMERO ET AL.), 259

CUMMINGS, MARINELLA (see MINKOFF ET AL.), 965

CUNNINGHAM, F. GARY (see HANKINS ET AL.), 100, 506 -(see LEVENO ET AL.), 465

CUPRYN, J. P., KENNEDY, A., and BYRICK, R. J. Malignant hyperthermia in pregnancy, 327 (Comm. in brief)

CURRY, CYNTHIA J. R. (see HOLZGREVE ET AL.), 805

Dacus, John V., and Spinnato, Joseph A. Severe erythroblastosis fetalis secondary to anti-Kpb sensitization, 888 (Comm. in

DAHROUGE, DONNA (see FRIEDMAN ET AL.), 941 DANIELSON, T. S. (see KAUNITZ ET AL.), 826 DATTEL, BONNIE J. (see Cousins et al.), 455

DAVIES, ELEANOR (see WRIGHT, DAVIES, and RIOPELLE), 704

DAVIS, RICHARD O. (see WAITES ET AL.), 998

DAWOOD, M. YUSOFF (see KHAN-DAWOOD and DAWOOD), 450, 501

DAWSON, JEFFREY R. (see KUTTEH ET AL.), 65 DEDO, HERBERT H. (see ANDERSON ET AL.), 432

DEER, DAVID A. (see TRELFORD ET AL.), 288

DEHORATIUS, RALPH J. (see COWCHOCK ET Al.), 367 DELBARGE, WILLY (see VANDEKERCKHOVE ET AL.), 320

DEPALMA, RALPH T. (see LEVENO ET AL.), 465

DEPP, O. RICHARD (see SOCOL ET AL.), 228

-(see SILVER ET AL.), 15

DESCOMPS, BERNARD (see SULTAN ET AL.), 956

DETTER, JAMES C. (see STEIN ET AL.), 333 DEVILLIER, CLAUDE (see SULTAN ET AL.), 956

DEVORE, GREGGORY R., SIASSI, BIJAN, and PLATT, LAWRENCE D. Fetal echocardiography. IV. M-mode assessment of ventricular size and contractility during the second and third trimesters of pregnancy in the normal fetus, 981

—(see Kovacs and DeVore), 784
DIAKOUMAKIS, EVANGELOS, VIEUX, ULRICK, and SEIFE, BURTON. Sonographic demonstration of thecoma: Report of two cases, 787 (Comm. in brief)

DICKER, RICHARD C. (see LEE ET AL.), 283

DILEO, LUCILLE A. (see BORTEN, DILEO, and FRIEDMAN), 561

DISAIA, PHILIP J. (see RETTENMAIER ET AL.), 882

DOELLGAST, GEORGE J. (see KUTTEH ET AL.), 65

DOMBROSKI, RAYMOND A. (see MERRILL, DOMBROSKI, and MACKENNA), 786

DOMENECH, MERCEDES (see SUSA ET AL.), 415

DOOLEY, SHARON L. (see SILVER ET AL.), 15 -(see SOCOL ET AL.), 228

DOWLING, PATRICIA (see CHATTERJEE ET AL.), 319

DRUZIN, MAURICE L. (see MURATA ET Al..), 40

DUCSAY, CHARLES A. (see WALSH, DUCSAY, and NOVY), 745
DUNN, JOHN E., JR., CROCKER, DIANE W., RUBE, IRMA F., ERICKSON,
CYRUS C., and COLEMAN, SIDNEY A. Cervical cancer occurrence in Memphis and Shelby County, Tennessee, during 25 years of its cervical cytology screening program, 861

E

EASLEY, W. K. (see STAGE, HUMENIUK, and EASLEY), 169

EDELMAN, DAVID A., McIntyre, Susan L., and Harper, James. A comparative trial of the Today contraceptive sponge and diaphragm, 869

EDELSTONE, DANIEL I., PAULONE, MARY E., and HOLZMAN, IAN R. Hepatic oxygenation during arterial hypoxemia in neonatal lambs, 513

-(see Fumia, Edelstone, and Holzman), 274

EDGCOMB, JOHN (see FELDMAN ET AL.), 573 EGLINTON, GARY S., PAUL, RICHARD H., BROUSSARD, PAULA M., WALLA, CATHERINE A., and PLATT, LAWRENCE D. Antepartum fetal heart rate testing. XI. Stimulation with orange juice, 97 (Comm. in brief)

EL BADRY, ADEL, FIGUEROA, J. P., POORE, E. R., SUNDERJI, S., LEVINE, S., MITCHELL, M. D., and NATHANIELSZ, P. W. Effect of fetal intravascular 4-aminoantipyrine infusions on myometrial activity (contractures) at 125 to 143 days' gestation in the pregnant sheep, 474

EMBERGER, JEAN-MARIE (see SULTAN ET AL.), 956 ENOCHSSON, ERIK (see HANSON ET AL.), 817 ERICKSON, CYRUS C. (see DUNN ET AL.), 861 ERVIN, GORE (see ROSS ET AL.), 421

FARATIAN, B., GASPAR, A., O'BRIEN, P. M. S., JOHNSON, I. R., FILSHIE, G. M., and PRESCOTT, P. Premenstrual syndrome: Weight, abdominal swelling, and perceived body image, 200

FARLEY, D. B., FORD, S. P., REYNOLDS, L. P., BHATINAGAR, R. K., and VAN OORDEN, D. E. Quantitation of α<sub>1</sub>-adrenergic receptors in porcine uterine and mesenteric arteries, 485

-(see FORD ET AL.), 480 FAULK, W. PAGE (see WELLS ET AL.), 973

FELDMAN, DOROTHY, ROMNEY, SEYMOUR L., EDGCOMB, JOHN, and VALENTINE, THOMAS. Ultrastructure of normal, metaplastic, and abnormal human uterine cervix: Use of montages to study the topographical relationship of epithelial cells, 573

FELDMAN, JOSEPH (see MINKOFF ET AL.), 965
FERGUSON, J. E., II, HENSLEIGH, P. A., and GILL, P. Effects of betamethasone on white blood cells in patients with premature rupture of the membranes and preterm labor, 439 (Comm.

FERRONI, KAREN M., GROSS, THOMAS L., SOKOL, ROBERT J., and CHIK, LAWRENCE. What affects fetal pulmonary maturation during diabetic pregnancy, 270

FICK, ANA CORREA (see BELLINA ET AL.), 934 FIELDS, CAROL D. (see ZAUNER ET AL.), 712

FIGUEROA, J. P. (see EL BADRY ET AL.), 474
FILES, JOE C. (see MARTIN, MORRISON, and FILES), 86

FILLY, ROY A. (see HOLZGREVE ET AL.), 805

FILSHIE, G. M. (see FARATIAN ET AL.), 200 FINEGAN, JO-ANNE K., QUARRINGTON, BRUCE J., HUGHES, HELEN E., RUDD, NOREEN L., STEVENS, LINDA J., and WEKSBERG, RO-SANNA. Midtrimester amniocentesis: Obstetric outcome and neonatal neurobehavioral status, 989

FISHER, DELBERT A. (see ROSS ET Al.), 421

FISHMAN, LAWRENCE M. (see COLTON, PEREZ, and FISHMAN), 892 FORD, S. P., REYNOLDS, L. P., FARLEY, D. B., BHATNAGAR, R. K., and VAN ORDEN, D. E. Interaction of ovarian steroids and periarterial a1-adrenergic receptors in altering uterine blood flow during the estrous cycle of gilts, 480

-(see FARLEY ET AL.), 485

FRANTI, CHARLES E. (see TRELFORD ET AL.), 288
FRANTZ, ANDREW G. (see CHOLST ET AL.), 558

FRIED, P. A., WATKINSON, B., and WILLAN, A. Marijuana use during pregnancy and decreased length of gestation, 23

FRIEDMAN, CHAD I., SCHMIDT, GRANT E., CHANG, FRANK E., and KIM, MOON H. Severe ovarian hyperstimulation following follicular aspiration, 436 (Comm. in brief)

FRIEDMAN, EMANUEL A., SACHTLEBEN-MURRAY, MARLENE R., DAH-ROUGE, DONNA, and NEFF, RAYMOND K. Long-term effects of labor and delivery on offspring: A matched-pair analysis, 941

-(see BORTEN and FRIEDMAN), 1006 (see BORTEN, DILEO, and FRIEDMAN), 561

FRIEDMAN, J. M., and SANTOS-RAMOS, RIGOBERTO. Natural history of X-linked aqueductal stenosis in the second and third trimesters of pregnancy, 104 (Comm. in brief)

-(see HARROD ET AL.), 38

FRIEDRICH, EDUARD G., JR., and MACLAREN, NOEL K. Genetic aspects of vulvar lichen sclerosus, 161

FRIGOLETTO, FREDRIC D. (see HORNSTEIN ET AL.), 1002

Fu, Paul (see Ross et al.), 421 Fu, YAO SHI (see REID ET AL.), 189

FUCHS, ANNA-RIITTA, FUCHS, FRITZ, HUSSLEIN, PETER, and SOLOFF, MELVYN S. Oxytocin receptors in the human uterus during pregnancy and parturition, 734 -, RASMUSSEN, ANNE B., REHNSTRÖM, JAANA, and TOTH, MIKLOS. Prostaglandin  $F_{2a}$  oxytocin, and uterine activation in hypertonic saline-induced abortions, 27

FUCHS, FRITZ (see FUCHS ET AL.), 734

FUMIA, FRED D., EDELSTONE, DANIEL I., and HOLZMAN, IAN R. Blood flow and oxygen delivery to fetal organs as functions of fetal hematocrit, 274

FYSH, W. J. (see RODECK ET AL.), 769

GALL, STANLEY A. (see KUTTEH ET AL.), 65

GALLUP, DONALD G. Modifications of celiotomy techniques to decrease morbidity in obese gynecologic patients, 171

(see WOLCOTT and GALLUP), 695

GAMBRELL, R. DON, Jr. Proposal to decrease the risk and improve the prognosis of breast cancer, 119
GAMSU, H. R. (see RODECK ET AL.), 769

GANT, NORMAN F. (see PARKER ET AL.), 263 GASPAR, A. (see FARATIAN ET AL.), 200

GELLIS, JANICE (see CLAPP ET AL.), 843

GERBIE, MELVIN V. (see AROF, GERBIE, and SMELTZER), 865

GILL, P. (see FERGUSON, HENSLEIGH, and GILL), 439 GIRTANNER, ROBERT E. (see AVERETTE ET AL.), 179 GIVEN, FRED T., JR. (see BAKRI and GIVEN), 184 GLUCKMAN, P. D. (see LOWE ET AL.), 524

GOEBELSMANN, UWE (see HOFFMAN ET AL.), 492 GOLBUS, MITCHELL S. (see ANDERSON ET AL.), 432

(see HOLZGREVE ET AL.), 805

GOLDKRAND, JOHN W. (see ZUIDEMA, GOLDKRAND, and WORK), 783

GOLDSTEIN, DONALD P. (see AMIR ET AL.), 723
GONIK, BERNARD, and COTTON, DAVID B. Peripartum colloid osmotic pressure changes: Influence of intravenous hydration, 99 (Comm. in brief)

GOODLIN, R. C., and KUBITZ, R. L. Uterine strangulation of a premature infant, 435 (Comm. in brief)

GRAHAM, JAMES M. (see SIBAI, GRAHAM, and McCubbin), 728

GRAHAM, MARK L., II, RAZEL, ANTHONY J., SPELSBERG, THOMAS C., and COULAM, CAROLYN B. Evidence for an androgen receptor in human testis, 534

-(see COULAM, GRAHAM, and SPELSBERG), 531 GRANNUM, PETER (see ROMERO ET AL.), 259

GREISS, FRANK C., JR. Equestrian dyspareunia, 168

GRIMES, DAVID A. Epidemiology of gestational trophoblastic disease,

-, SCHULZ, KENNETH F., and CATES, WILLARD, JR. Prophylactic antibiotics for curettage abortion, 689 (Clinical opinion) (see KAUNITZ ET AL.), 826

GROENENDIJK, R., TRIMBOS, J. B. M. J., and WALLENBURG, H. C. S. Hemodynamic measurements in preeclampsia: Preliminary observations, 232

GROSS, THOMAS L. (see FERRONI ET AL.), 270 GROSSMAN, HANNAH G. (see SIBAI ET AL.), 831

GROSSMAN, ROBERT A. (see SIBAI ET AL.), 831 GRUNEBAUM, AMOS N. (see MINKOFF ET AL.), 965 GRUPPUSO, PHILIP A. (see SUSA ET AL.), 415

GURPIDE, ERLIO (see HOLINKA and GURPIDE), 359

GUSDON, JOHN P., JR., BUCK JLEW, VARDAMAN M., JR., and HENNESSY, JOHN F. A digoxin-like immunoreactive substance in preeclampsia, 83 (Current investigation)

GUYDA, HARVEY (see TULANDI ET AL.), 709

HAAPAKOSKI, JAASON (see ARO ET AL.), 433

HAASE, HELEN R. (see HOFFMAN ET AL.), 492

HALL, FREDERICK K. (see THIBEAULT ET AL.), 393 HALL, ROBERT T. (see THIBEAULT ET AL.), 393

HALL, ROBERT 1, GPE HIBEAULE ET 14.1, 593 HAMMOND, CHARLES B. (see HOLMAN, TYREY, and HAMMOND), 151 HANKINS, GARY D. V., CUNNINGHAM, F. GARY, LUBY, JAMES P., BUT-LER, SANDRA L., STROUD, JANE, and ROARK, MICKI. Asymptomatic genital excretion of herpes simplex virus during early

labor, 100 (Comm. in brief) -, WENDEL, GEORGE D., JR., CUNNINGHAM, F. GARY, and LEVENO, KENNETH J. Longitudinal evaluation of hemodynamic changes in eclampsia, 506

-(see PARKER ET AL.), 263

HANSEN, PEDER KERN, THOMSEN, STEN GROVE, SECHER, NILES JOR-GEN, and WEBER, Tom. Transcutaneous carbon dioxide measurements in the fetus during labor, 47

HANSON, ULF, PERSSON, BENGT, ENOCHSSON, ERIK, LENNERHAGEN, PER, LINDGREN, FREDRIK, LUNDSTRÖM, VIVECA, LUNELL, NILS-OLOV, NILSSON, BO A., NILSSON, LENNART, STANGEN-BERG, MAGNUS, THALME, BERTIL, TILLINGER, KARL-GUNNAR, and ÖFVERHOLM, ULRIKA. Self-monitoring of blood glucose by diabetic women during the third trimester of pregnancy,

HARBERT, GUY M., JR. (see BOURGEOIS, THIAGARAJAH, and HARBERT),

(see THIAGARAJAH ET AL.), 1

HARDER, ELMER (see BARNES, HARDER, and TOOT), 998

HARMAN, C. R. Maternal furosemide may not provoke urine production in the compromised fetus, 322 (Comm. in brief) —(see Chamberlain et al.), 245, 250

HARPER, JAMES (see EDELMAN, MCINTYRE, and HARPER), 869

HARROD, M. J. E., FRIEDMAN, J. M., SANTOS-RAMOS, R., RUTLEDGE, J., and Weinberg, A. Etiologic heterogeneity of fetal hydrocephalus diagnosed by ultrasound, 38
HATJIS, CHRISTOS G., NELSON, LEWIS H., MEIS, PAUL J., and SWAIN,

MELISSA. Addition of magnesium sulfate improves effectiveness of ritodrine in preventing premature delivery, 142

HEDDINGER, LYNN A. (see CARITIS ET AL.), 7 HEINONEN, OLLI P. (see ARO ET AL.), 433

HEMPHILL, CALEB (see CLAPP ET AL.), 843 HENNESSY, JOHN F. (see GUSDON, BUCKALEW, and HENNESSY), 83

HENSLEIGH. P. A. (see FERGUSON, HENSLEIGH, and GILL), 439

HERSCHMAN, BARRY R. (see REID ET AL.), 189

HESSER, JOHN W., MURATA, YUJI, and SWALWELL, CHRIS I. Exstrophy of cloaca with omphalocele: Two cases, 1004 (Comm. in brief)

HESSERT, TIMOTHY R. (see YOUNG ET AL.), 52 HINSHAW, WANDA (see SOPER ET AL.), 342 HOBBINS, JOHN C. (see ROMERO ET AL.), 259 HODGEN, GARY D. (see SCHENKEN ET AL.), 349

HODSON, CHARLES A. (see MATTOX ET AL.), 132

HOFFMAN, DAVID I., ABBOUD, THERESE K., HAASE, HELEN R., HUNG, TRAN T., and GOEBELSMANN, UWE. Plasma β-endorphin concentrations prior to and during pregnancy, in labor, and after delivery, 492

HOLINKA, CHRISTIAN F., and GURPIDE, ERLIO. Dimine oxidase activity in human decidua and endometrium, 359

HOLLINGSWORTH, DOROTHY R. (see COUSINS ET AL.), 455

HOLMAN, JAMES F., TYREY, E. LEE, and HAMMOND, CHARLES B. A contemporary approach to suspected ectopic pregnancy with use of quantitative and qualitative assays for the  $\beta$ -subunit of human chorionic gonadotropin and sonography, 151

HOLROYDE, JANE (see MIODOVNIK ET AL.), 372

HOLZGREVE, WOLFGANG, CURRY, CYNTHIA J. R., GOLBUS, MITCHELL S., CALLEN, PETER W., FILLY, ROY A., and SMITH, J. CHARLES. Investigation of nonimmune hydrops fetalis, 805

HOLZMAN, IAN R. (see EDELSTONE, PAULONE, and HOLZMAN), 513

-(see Fumia, Edelstone, and Holzman), 274 HORGER, EDGAR O., III, and MOODY, LUCIA O. Use of indigo carmine for twin amniocentesis and its effect on bilirubin analysis, 858

—(see STUBBS, LAZARCHICK, and HORGER), 885

HORNSTEIN, MARK D., NILOFF, JONATHAN M., SNYDER, PHILIP F. and FRIGOLETTO, FREDRIC D. Placental percreta associated with a second-trimester pregnancy termination, 1002 (Comm. in

HORROBIN, D. F. (see Brush et al.), 363 HOSENPUD, J. D. (see VEILLE, HOSENPUD, and MORTON), 443

HSI, BAE-LI (see WELLS ET AL.), 973 HUGHES, HELEN E. (see FINEGAN ET AL.), 989

HUMENIUK, J. M. (see STAGE, HUMENIUK, and EASLEY), 169

HUNG, TRAN T. (see HOFFMAN ET AL.), 492 HUSSLEIN, PETER (see FUCHS ET AL.), 734

IAMS, JAY D., and BARROWS, HOLLY. Management of preterm prematurely ruptured membranes: A retrospective comparison of observation versus use of steroids and timed delivery, 977 IKENOUE, TSUYOMU (see MURATA ET AL.), 40

IKONEN, E. (see PEKONEN ET AL.), 893

IMARAH, JOSEPH (see COUSTAN and IMARAH), 836

INGRAM, JAMES M. (see WILLIAMS, INGRAM, and WELDEN), 166

INNIS, SHEILA M. Altered effect of 3% dietary cholestyramine on plasma lipids and biliary bile acid output in the pregnant rat,

JACKSON, JEFF D. (see BELLINA ET AL.), 934 JACKSON, LAIRD G. (see COWCHOCK ET AL.), 367 JANSEN, C. A. M. (see LOWE ET AL.), 524

JASNOSZ, KATHERINE M., MACPHERSON, TREVOR A., and MAZER, JU-LIUS. Escherichia coli gas production in a stillborn fetus, 1001 (Comm. in brief)

JEAN, ROGER (see SULTAN ET AL.), 956 JEANTY, PHILIPPE (see ROMERO ET AL.), 259

JOHNSON, I. R. (see FARATIAN ET AL.), 200

JOHNSON, P. (see SYKES ET AL.), 847 JONES, JUDITH A. (see STEIN ET AL.), 333

KAJII, TADASH, KURASHIGE, HIDEKI, OHAMA, KOSO, and UCHINO, FU-MIYA. XY and XX complete moles: Clinical and morphologic correlations, 57

TEN KATE-BOOIJ, MARIANNE J., and WALLENBURG, HENK C. S. Conservative treatment of postpartum hemorrhage in a secondtrimester cervical pregnancy, 103 (Comm. in brief)

KATZ, MICHAEL, and CREASY, ROBERT K. Mammary blood flow regulation in the nursing rabbit, 497

KAUNITZ, ANDREW M., SPENCE, CRAIG, DANIELSON, T. S., ROCHAT, ROGER W., and GRIMES, DAVID A. Perinatal and material mortality in a religious group avoiding obstetric care, 826

KEMP, J. R. (see RODECK ET AL.), 769

KENNEDY, A. (see CUPYRYN, KENNEDY, and BYRICK), 327

KHAN-DAWOOD, FIRYAL S., and DAWOOD, M. YUSOFF. Estrogen and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy, 501
— and —. Implantation of the rabbit blastocyst: Sequential changes in

estradiol and progesterone and their receptors, 450

KHODR, G. S. (see SILER-KHODR, KHODR, and VALENZUELA), 376

KIM, MOON H. (see FRIEDMAN ET AL.), 436 KINCH, ROBERT A. (see TULANDI ET AL.), 709

KING, RICHARD (see NAGEL ET AL.), 76

KISNER, HAROLD J. (see ALGER, KISNER, and NAGEY), 380

KITTERMAN, JOSEPH A. (see MURAI ET AL.), 758

KJORSTAD, KJELL E., and BOND, BRIAN. Stage IB adenocarcinoma of the cervix. Metastatic potential and patterns of dissemination,

KLEIN, VICTOR R., REPKE, JOHN T., MARQUETTE, GERALD P., and NIE-BYL, JENNIFER R. The Bland-White-Garland syndrome in pregnancy, 106 (Comm. in brief)

KLETZKY, O. A. (see SHOUPE and KLETZKY), 460

-(see Sueldo et al.), 528

KLOPPER, ARNOLD (see BERSINGER and KLOPPER), 780 KNOWLES, HARVEY C. (see MIODOVNIK ET AL.), 372

KNUPPEL, ROBERT A., SHAH, DINESH M., RATTAN, PAWAN K., O'BRIEN, WILLIAM F., and LERNER, ALEXANDER. Rhesus isoimmuniza-

tion in twin gestation, 136

KOETSAWANG, SUPORN, SRISUPANDIT, SUWANEE, APIMAS, SUPANEE J., and CHAMPION, CHERYLE B. A comparative study of topical anesthesia for laparoscopic sterilization with the use of the tubal ring, 931 KOPTA, MAZIE M. (see CRANE and LOPTA), 813

KOVACS, BRUCE W., and DEVORE, GREGGORY R. Management of acute and subacute puerperal uterine inversion with terbutaline sulfate, 784 (Comm. in brief)

KUBITZ, R. L. (see GOODLIN and KUBITZ), 435 KURASHIGE, HIDEKI (see KAJII ET AL.), 57

KUTTEH, WILLIAM H., GALL, STANLEY A., DOELLGAST, GEORGE J., ALLITTO, BERNICE A., and DAWSON, JEFFREY R. Quantitation of immunoglobulins in the effusions of human ovarian epithelial neoplasma, 65

LAFFEY, PATRICIA (see AHRAM ET AL.), 323 LAL, SAMARTHJI (see TULANDI ET AL.), 709 LAMBERG, B.-A. (see PEKONEN ET AL.), 893 LANGE, I. R. (see CHAMBERLAIN ET AL.), 245, 250

LANKERANI, MOHAMMAD (see SELIM, RAZI, and LANKERANI), 790

LANKS, KARL W. (see SILLMAN ET AL.), 300 LAVIN, JUSTIN P. (see MIODOVNIK ET AL.), 372

LAZARCHICK, JOHN (see STUBBS, LAZARCHICK, and HORGER), 885

LEAKE, ROSEMARY D. (see ROSS ET AL.), 421

LEE, CHU-CHING H. (see MURAI ET AL.), 758

LEE, NANCY C., DICKER, RICHARD C., RUBIN, GEORGE L., and ORY, HOWARD W. Confirmation of the preoperative diagnoses for hysterectomy, 283

LENNERHAGEN, PER (see HANSON ET AL.), 817

LERNER, ALEXANDER (see KNUPPEL ET AL.), 136

LEVENO, KENNETH J., QUIRK, J. GERALD, CUNNINGHAM, F. GARY, NEL-SON, SHERYL D., SANTOS-RAMOS, RIGOBERTO, TOOFANIAN, ALI, and DEPALMA, RALPH T. Prolonged pregnancy. I. Observations concerning the causes of fetal distress, 465

-(see Hankins et al.), 506

—(see Parker et al.), 263 Levine, S. (see El Badry et al.), 474 LICHTINGER, MOISES (see AVERETTE ET AL.), 179

LIGGINS, GRAHAM C. (see BLOCK, LIGGINS, and CREASY), 716

LINDGREN, FREDRIK (see HANSON ET AL.), 817

LIVENGOOD, CHARLES H., III, ADDISON, W. ALLEN, and VOELLER, BRUCE. Effect of a topical contraceptive on endocervical culture for Neisseria gonorrhoeae, 319 (Comm. in brief)

LLANOS, ANIBAL J. (see BLOCK ET Al.), 406 LLOYD, TOM (see LORENZ ET Al.), 519 LOBO, ROGERIO A. (see SHOUPE and LOBO), 566

LOGRILLO, VITO M. (see ZDEB, THERRIAULT, and LOGRILLO), 205

LORENZ, ROBERT P., PICCHIO, LUCIANO P., WEISZ, JUDITH, and LLOYD, Tom. The relationship between reproductive performance and blood pressure in the spontaneously hypertensive rat, 519

Low, Robert A. L. (see Rubin et al.), 389 Lowe, K. C., Jansen, C. A. M., Gluckman, P. D., and Nathanielsz, P. W. Comparison of changes in ovine plasma chorionic somatomammotropin concentrations in the fetus and mother before spontaneous vaginal delivery at term and adrenocorticotropin-induced premature delivery, 524

LUBY, JAMES P. (see HANKINS ET AL.), 100 LUNDSTRÖM, VIVECA (see HANSON ET AL.), 817 LUNELL, NILS-OLOV (see HANSON ET AL.), 817

MA, H. K. (see WONG, CHOO, and MA), 924 McCarty, Kenneth S., Jr. (see Soper et al.), 342, 437 McCarty, Kenneth S., Sr. (see Soper et al.), 342, 437 McClemont, Sharon (see Anderson et al.), 236 McCormack, William M. (see Minkoff et al.), 965 McCubbin, Jack H. (see Sibal, Graham, and McCubbin), 728—(see Strickland et al..), 952
MacDonald, Paul C. (see Parker et al.), 263, 754 -(see STRICKLAND ET AL.), 952

McGregor, James, Ott, Allen, and Villard, Mark. An epidemic of "childbed fever," 385

McIntyre, Susan L. (see Edelman, McIntyre, and Harper), 869 MACKENNA, JARLATH M. (see MERRILL, DOMBROSKI, and MACKENNA), 786

-(see MATTOX ET AL.), 132

MACLAREN, NOEL K. (see FRIEDRICH and MACLAREN), 161 MCLAUGHLIN, MARGARET K. (see CLAPP ET AL.), 843

McNaughton, Scott (see Bellina et al.), 934 MACPHERSON, TREVOR A. (see JASNOSZ, MACPHERSON, and MAZER), 1001

MÄKÄRÄINEN, LEO, and YLIKORKALA, OLAVI. Amniotic fluid 6-ketoprostaglandin  $F_{1\alpha}$  and thromboxane  $B_2$  during labor, 765

MÄKINEN, T. (see PEKONEN ET AL.), 893 MANKU, M. S. (see BRUSH ET AL.), 363

Manning, F. A. (see Chamberlain et al.), 245, 250
Markestad, Trond, Ulstein, Magnar, Strandford, Roald E., AKSNES, LAGE, and AARSKOG, DAGFINN. Anticonvulsant drug therapy in human pregnancy. Effects on serum concentrations of vitamin D metabolites in maternal and cord blood, 254

MARQUETTE, GERALD P. (see KLEIN ET AL.), 106

MARRS, RICHARD P. (see SUELDO ET AL.), 528

MARTIN, C. B., JR., NIJHUIS, J. G., and WEIJER, A. A. Correction of fetal supraventricular tachycardia by compression of the umbilical cord: Report of a case, 324 (Comm. in brief)

(see MURATA ET AL.), 40

MARTIN, JAMES N., JR., MORRISON, JOHN C., and FILES, JOE C. Autoimmune thrombocytopenic purpura: Current concepts and recommended practices, 86 (Current developments)

MASCOLA, LAURENCE, PELOSI, ROCCO, and ALEXANDER, CHARLES E.

Inadequate treatment of syphilis in pregnancy, 945
MATTOX, HUITT E., III, MACKENNA, JARLATH, HODSON, CHARLES A.,
WIMMER, JOHN E., and BRAME, ROBERT G. Comparison of pharyngeal aspirate and amniotic fluid surfactant composition, 132

MAURAY, FRANCOISE E. (see MURAI ET AL.), 758

MAZELLA, LORRAINE (see TULANDI ET AL.), 709

MAZER, JULIUS (see JASNOSZ, MACPHERSON, and MAZER), 1001 MAZUR, MICHAEL T., and CLOUD, GRETCHEN A. The koilocyte and cervical intraepithelial neoplasia: Time-trend analysis of a recent decade, 354 MEANDZIJA, P. (see BELLINA ET AL.), 934

MEIS, PAUL J. (see HATJIS ET AL.), 142

MERRILL, RICHARD H., DOMBROSKI, RAYMOND A., and MACKENNA, JARLATH M. Primary hyperaldosteronism during pregnancy, 786 (Comm. in brief)

MILLER, R. DAVID (see RETTENMAIER ET AL.), 882 MINKOFF, HOWARD, GRUNEBAUM, AMOS N., SCHWARZ, RICHARD H., FELDMAN, JOSEPH, CUMMINGS, MARINELLA, CROMBLEHOLME, WILLIAM, CLARK, LORRAINE, PRINGLE, GEORGE, and McCor-MACK, WILLIAM M. Risk factors for prematurity and premature rupture of membranes: A prospective study of the vaginal flora in pregnancy, 965

MIODOVNIK, MENACHEM, LAVIN, JUSTIN P., KNOWLES, HARVEY C., HOLROYDE, JANE, and STYS, STANLEY J. Spontaneous abortion

among insulin-dependent diabetic women, 372
MITCHELL, B. F., CARO, J., CROSS, J., and CHALLIS, J. R. G. Adrenocorticotropic activity of an extract from sheep placental tissue at term, 217

MITCHELL, M. D. (see El BADRY ET AL.), 474 (see STRICKLAND ET AL.), 952 MOLLOY, PAULA M. (see SYKES ET AL.), 847 MOODY, LUCIA O. (see HORGER and MOODY), 858 MORRIS, AUDREY (see CONWAY ET AL.), 947 MORRISON, I. (see CHAMBERLAIN ET AL.), 245 (see CHAMBERLAIN ET AL.), 250

MORRISON, JOHN C. (see MARTIN, MORRISON, and FILES), 86 MORTON, M. J. (see VEILLE, HOSENPUD, and MORTON), 443 MURAI, DANIEL T., CLYMAN, RONALD I., MAURAY, FRANCOISE E., LEE,

CHU-CHING H., and KITTERMAN, JOSEPH A. Meclofenamate and prostaglandin E<sub>2</sub> affect breathing movements independently of glucose concentrations in fetal sheep, 758

MURATA, YUJI, MARTIN, CHESTER B., JR., IKENOUE, TSUYOMU, SOCOL, MICHAEL L., and DRUZIN, MAURICE L. Intrauterine growth of chronically instrumented rhesus monkey fetuses, 40

-(see HESSER, MURATA, and SWALWELL), 1004

NAGEL, THEODORE, CAMARGO, MAURICIO, TAGATZ, GEORGE, OKAGAKI, TAKASHI, CERVENKA, JAROSLAV, CAHILL, LINDA, WACHTEL, STEPHEN S., KING, RICHARD, and TWIGGS, LEO B. Gonadal tumors in patients with gonadal dysgenesis and sex chromosomal rings and fragments, 76

NAGEY, DAVID A. (see ALGER, KISNER, and NAGEY), 380 NAKAMURA, TAKAFUMI (see YAMASHITA, NAKAMURA, and SHIMIZU), 896

NATHANIELSZ, P. W. (see EL BADRY ET AL.), 474 -(see LOWE ET AL.), 524 NEFF, RAYMOND K. (see FRIEDMAN ET AL.), 941 NELSON, LEWIS H. (see HATJIS ET AL.), 142 NELSON, SHERYL D. (see LEVENO ET AL.), 465 NEWMAN, CONNIE B. (see CHOLST ET AL.), 558 NICASTRI, ANTHONY (see SILLMAN ET AL.), 300 NICOLAIDES, K. H. (see RODECK ET AL.), 769 NIEBYL, JENNIFER R. (see KLEIN ET AL.), 106 Nijhuis, J. G. (see Martin, Nijhuis, and Weijer), 324 Niloff, Jonathan M. (see Hornstein et al.), 1002 NILSSON, B. (see CASSLÉN and NILSSON), 877 NILSSON, BO'A. (see HANSON ET AL.), 817 NILSSON, LENNART (see HANSON ET AL.), 817 NOENS, LUC (see VANDEKERCKHOVE ET AL.), 320 NOTELOVITZ, MORRIS (see ZAUNER ET AL.), 712

Novy, Miles J. (see Walsh, Ducsay, and Novy), 745

O'BRIEN, P. M. S. (see FARATIAN ET AL.), 200 O'BRIEN, TIMOTHY J. (see SUELDO ET AL.), 528 O'BRIEN, WILLIAM F. (see KNUPPEL ET AL.), 136 ÖFVERHOLM, ULRIKA (see HANSON ET AL.), 817 O'GRADY, JOHN PATRICK (see RICHARDSON, O'GRADY, and OLSEN), 400 OHAMA, KOSO (see KAIII ET AL.), 57 OKAGAKI, TAKASHI (see NAGEL ET AL.), 76 OLSEN, GEORGE D. (see RICHARDSON, O'GRADY, and OLSEN), 400 ORDORICA, EDWARD (see TRELFORD ET AL.), 288

ORY, HOWARD W. (see LEE ET AL.), 283 OSATHANONDH, RAPIN (see AMIR ET AL.), 723

OSSER, STELLAN, and PERSSON, KENNETH. Postabortal pelvic infection associated with Chlamydia trachomatis and the influence of humoral immunity, 699

ÖSTERLUND, K. (see PEKONEN ET AL.), 893 OTT, ALLEN (see McGregor, OTT, and VILLARD), 385 p

PARER, JULIAN T. (see BLOCK ET AL.), 406

PARKER, C. R., JR., CARR, B. R., WINKEL, C. A., CASEY, M. L., and MACDONALD, P. C. Umbilical cord plasma concentrations of deoxycorticosterone sulfate in anenceph. "c fetuses, 754

—, HANKINS, GARY D. V., CARR, BRUCE R., LEVENO, KENNETH J., GANT, NORMAN F., and MACDONALD, PAUL C. The effect of hypertension in pregnant women on fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism, 263 PAUL, RICHARD H. (see EGLINTON ET AL.), 97

PAULONE, MARY E. (see EDELSTONE, PAULONE, and HOLZMAN), 513
PEKONEN, F., TERAMO, K., MÄKINEN, T., IKONEN, E., ÖSTERLUND, K., and LAMBERG, B.-A. Prenatal diagnosis and treatment of fetal thyrotoxicosis, 893 (Comm. in brief)

Pelosi, Rocco (see Mascola, Pelosi, and Alexander), 945 Perez, Guido O. (see Colton, Perez, and Fishman), 892

Perone, Nicola, Carpenter, Robert J., and Robertson, John A. Legal liability in the use of ultrasound by office-based obstetricians, 801 (Clinical opinion)

Persson, Bengt (see Hanson et al.), 817
Persson, Kenneth (see Oseer and Persson), 699
Phelan, Jeffrey P. (see Rodriguez et al.), 433
Picchio, Luciano P. (see Lorenz et al.), 519
Platt, Lawrence D. (see DeVore, Siassi, and Platt), 981
—(see Eglinton et al.), 79
Pledger, Derek (see Rubin et al.), 389
Plotz, Richard D. (see Bellucci et al.), 891
Poore, E. R. (see El Badry et al.), 474
Prendiville, Walter J. (see Conway et al.), 947
Prescott, P. (see Faratian et al.), 200

0

QUARRINGTON, BRUCE J. (see FINEGAN ET AL.), 989 QUIRK, J. GERALD (see LEVENO ET AL.), 465

PRICHARD, GARY A. (see YOUNG ET AL.), 52 PRINGLE, GEORGE (see MINKOFF ET AL.), 965

R

RAJABI, MOHAMMAD, and WOESSNER, J. FREDERICK, JR. Rise in serum levels of PZ-peptidase, an enzyme involved in collagen breakdown, in human pregnancy and labor, 821

RASMUSSEN, ANNE B. (see FUCHS ET AL.), 27
RATTAN, PAWAN K. (see KNUPPEL ET AL.), 136
RAZEL, ANTHONY J. (see GRAHAM ET AL.), 534
RAZI, AHMED (see SELIM, RAZI, and LANKERANI), 790
REECE, E. ALBERT (see ROMERO ET AL.), 259
REED, SUZETTE (see SUPRAPTO and REED), 1000

REHNSTRÖM, JAANE (see FUCHS ET AL.), 27 REID, JOHN L. (see RUBIN ET AL.), 389

REID, RICHARD, FU, YAO SHI, HERSCHMAN, BARRY R., CRUM, CHRISTOPHER P., BRAUN, LUNDY, SHAH, KEERTI V., AGRONOW, SAMUEL J., and STANHOPE, C. ROBERT. Genital warts and cervical cancer. IV. The relationship between aneuploid and polyploid cervical lesions, 189

REITER, ALEX (see CLAMAN, CARPENTER, and REITER), 889

REPKE, JOHN T. (see KLEIN ET AL.), 106

—(see YORK and RETTENMAIER), 101
REYNOLDS, L. P. (see FARLEY ET Al.), 485
—(see FORD ET Al.), 480

RICHARDS, BRUCE C. Persistent trophoblast following conservative operation for ectopic pregnancy, 100 (Comm. in brief) RICHARDSON, BRYAN S., O'GRADY, JOHN PATRICK, and OLSEN, GEORGE

RICHARDSON, BRYAN S., O'GRADY, JOHN PATRICK, and OLSEN, GEORGE D. Fetal breathing movements and the response to carbon dioxide in patients on methadone maintenance, 400

RIOPELLE, MARY ANN (see WRIGHT, DAVIES, and RIOPELLE), 704 ROARK, MICKI (see HANKINS ET AL.), 100 ROBERTSON, JOHN A. (see PERONE, CARPENTER, and ROBERTSON), 801

ROBERTSON, JOHN A. (see PERONE, CARPENTER, and ROBERT ROBINSON, ALAN G. (see SEITCHIK ET AL.), 225 ROCHAT, ROGER W. (see KAUNITZ ET AL.), 826

RODECK, C. H., NICOLAIDES, K. H., WARSOF, S. L., FYSH, W. J., GAMSU, H. R., and KEMP, J. R. The management of severe rhesus isoimmunization by fetoscopic intravascular transfusions, 769 RODRIGUEZ, M. HELLEN, WANG, ROBERTA, CLARK, STEVEN L., and

RODRIGUEZ, M. HELLEN, WANG, ROBERTA, CLARK, STEVEN L., and PHELAN, JEFFREY P. Previous cesarean birth: Management considerations in the patients with acute puerperal uterine inversion, 433 (Comm. in brief)

ROLFE, P. (see SYKES ET AL.), 847

ROMEM, Y., and ARTAL, R. C-reactive protein as a predictor for chorioamnionitis in cases of premature rupture of the membranes, 546

ROMERO, ROBERTO, CULLEN, MARK, JEANTY, PHILIPPE, GRANNUM, PETER, REECE, E. ALBERT, VENUS, INGEBORG, and HOBBINS, JOHN C. The diagnosis of congenital renal anomalies with ultrasound. II. Infantile polycystic kidney disease, 259

ROMNEY, SEYMOUR L. (see FELDMAN ET Al.), 573

ROSEN, MORTIMER G., and CHIK, LAWRENGE. The association between cesarean birth and outcome in vertex presentation: Relative importance of birth weight, Dubowitz scores, and delivery route, 775

ROSENBERG, SANFORD M. Amniotic fluid prolactin levels in tubal gestation: Support for the unique role of decidua, 102 (Comm. in brief)

ROSENTHAL, JULIAN (see SILLMAN ET AL.), 300

ROSS, MICHAEL G., ERVIN, GORE, LEAKE, ROSEMARY D., FU, PAUL, and FISHER, Delbert A. Fetal lung liquid regulation by neuropeptides, 421

ROTMENSCH, SIEGFRIED (see BAR-MEIR and ROTMENSCH), 1003 RUBE, IRMA F. (see DUNN ET AL.), 861

RUBIN, GEORGE L. (see LEE ET AL.), 283

Rubin, Peter C., Butters, Lucy, Clark, Donald, Sumner, David, Belfield, Alan, Pledger, Derek, Low, Kobert A. L., and Reid, John L. Obstettic aspects of the use in pregnancy-associated hypertension of the β-adrenoceptor antagonist atenolol, 389

RUDD, NOREEN L. (see FINEGAN ET AL.), 989 RUTLEDGE, J. (see HARROD ET AL.), 38

S

SABBAGHA, RUDY F. (see SILVER ET AL.), 15

SACHTLEBEN-MURRAY, MARLENE R. (see FRIEDMAN et al.), 941
SALINAS, MARIA E., and ARIAS, FERNANDO. Effects of ethanol on alcohol dehydrogenase and microsomal ethanol oxidative system activities in fetal mice, 541

SAMA, JAHIR (see CHATTERJEE ET AL.), 319

Sanfilippo, Joseph S., and Wittliff, James L. Steroid hormone receptors in adrenal cortical carcinoma, 326 (Comm. in brief) Santos-Ramos, Rigoberto (see Friedman and Santos-Ramos), 104—(see Harrod et al.), 38

-(see Leveno et al.), 465

SAXÉN, LAURI (see ARO ET AL.), 433

SASEN, LAURI (See ARO ET AL.), 435

SCHENKEN, ROBERT S., ASCH, RICARDO H., WILLIAMS, ROBERT F., and HODGEN, GARY D. Etiology of infertility in monkeys with endometriosis: Measurement of peritoneal fluid prostaglandins, 340

SCHILLT, VLADIMER (see BELLINA ET AL.), 934 SCHMIDT, GRANT E. (see FRIEDMAN ET AL.), 436

SCHMIDT, RINA (see CHATTERJEE ET AL.), 319 SCHNEIDER, ROGER (see VENUTO, BURSTEIN, and SCHNEIDER), 431

SCHULZ, KENNETH F. (see GRIMES, SCHULZ, and CATES), 689 SCHWARTZ, DANIEL (see YAMBAO ET AL.), 426 SCHWARTZ, ROBERT (see SUSA ET AL.), 415

SCHWARZ, RICHARD H. (see MINKOFF ET AL.), 965 SECHER, NIELS JORGEN (see HANSEN ET AL.), 47

SECHER, MEES JORGEN (SEE TIANSEN ET AL.), 41 SEDLIS, ALEXANDER (SEE SILLMAN ET AL.), 300 SEHGAL, PRABHAT (SEE SUSA ET AL.), 415

SEHGAL, PRABHAT (see Susa et al.), 415 SEIFE, BURTON (see DIAKOUMAKIS, VIEUX, and SEIFE), 787

SEITCHIK, JOSEPH, AMICO, JANET, ROBINSON, ALAN G., and CASTILLO, MARIA. Oxytocin augmentation of dysfunctional labor. IV. Oxytocin pharmacokinetics, 225

SELIM, MOSTAFA A., RAZI, AHMED, and LANKERANI, MOHAMMAD. Squamous cell carcinoma arising from ovarian benign cystic teratoma, 790 (Comm. in brief)

SEVIN, BERND-UWE (see AVERETTE ET AL.), 179 SHAH, DINESH M. (see KNUPPEL ET AL.), 136 SHAH, KEERTI V. (see REID ET AL.), 189

SHEEHAN, MICHAEL B. (see THIBEAULT ET AL.), 393

SHERMAN, SANFORD (see ANDERSON ET AL.), 432

SHIMIZU, TETSUYA (see YAMASHITA, NAKAMURA, and SHIMIZU), 896
—and KLETZKY, O. A. Priming with gonadotropin-releasing hormone
restores gonadotropin secretion during first but not second
trimester of pregnancy, 460

trimester of pregnancy, 460
SHOUPE, DONNA, and LOBO, ROGERIO A. Evidence for altered catecholamine metabolism in polycystic ovary syndrome, 566

SIASSI, BIJAN (see DEVORE, SIASSI, and PLATT), 981

SIBAI, BAHA M., GRAHAM, JAMES M., and McCubbin, JACK H. A comparison of intravenous and intramuscular magnesium sulfate regimens in preeclampsia, 728 -, GROSSMAN, ROBERT A., and GROSSMAN, HANNAH G. Effects of diuretics on plasma volume in pregnancies with long-term hypertension, 831

SILER-KHODR, T. M., KHODR, G. S., and VALENZUELA, G. Immunoreactive gonadotropin-releasing hormone level in maternal

circulation throughout pregnancy, 376

SILLMAN, FREDERICK, STANEK, ÅLBERT, ŠEDLIS, ALEXANDER, ROSEN-THAL, JULIAN, LANKS, KARL W., BUCHHAGEN, DOROTHY, NI-CASTRI, ANTHONY, and BOYCE, JOHN. The relationship between human papillomavirus and lower genital intraepithelial neoplasia in immunosuppressed women, 300

SILVER, RICHARD, DEPP, RICHARD, SABBAGHA, RUDY F., DOOLEY, SHARON L., SOCOL, MICHAEL L., and TAMURA, RALPH K. Pla-

centa previa: Aggressive expectant management, 15 SIMPSON, EVAN R. (see CARR and SIMPSON), 551 SIMPSON, GARY F. (see ANDERSON ET AL.), 432 SINCLAIR, JOHN C. (see ANDERSON ET AL.), 236

SMELTZER, JAMES (see AROF, GERBIE, and SMELTZER), 865

SMITH, ELLEN BLAIR, CLARKE-PEARSON, DANIEL L., and CREASMAN, WILLIAM T. A VP16-213- and cisplatin-containing regimen for treatment of refractory ovarian germ cell malignancies,

SMITH, HUGH E. (see WILLIAMSON, SOWELL, and SMITH), 158

SMITH, J. CHARLES (see HOLZGREVE ET AL.), 805

SNYDER, PHILIP F. (see HORNSTEIN ET AL.), 1002 SOCOL, MICHAEL L., DOOLEY, SHARON L., TAMURA, RALPH K., and DEPP. O. RICHARD. Perinatal outcome following prior delivery in the late second or early third trimester, 228

-(see MURATA ET AL.), 40 -(see SILVER ET AL.), 15

SOKOL, ROBERT J. (see FERRONI ET AL.), 270 SOLOFF, MELVYN S. (see FUCHS ET AL.), 734

SOPER, JOHN T., McCarty, Kenneth S., Jr., Creasman, William T., CLARKE-PEARSON, DANIEL L., and McCarty, Kenneth S., SR. Induction of cytoplasmic progesterone receptor in human endometrial carcinoma transplanted into nude mice, 437 (Comm. in brief)

-,--, HINSHAW, WANDA, CREASMAN, WILLIAM T., MCCARTY, KENNETH S., SR., and CLARKE-PEARSON, DANIEL L. Cytoplasmic estrogen and progesterone receptor content of uterine sarcoma, 342

SOSNOWSKI, J. RICHARD "The pursuit of excellence": Have we apprehanded and comprehended it, 115

SOWELL, GEORGE A. (see WILLIAMSON, SOWELL, and SMITH), 158

Speller, David C. E. (see Conway et al..), 947 Spelsberg, Thomas C. (see Coulam, Graham, and Spelsberg), 531 -(see Graham et al.), 534

SPENCE, CRAIG (see KAUNITZ ET AL.), 826

SPINNATO, JOSEPH A. (see DACUS and SPINNATO), 888

SRISUPANDIT, SUWANEE (see KOETSAWANG ET AL.), 931

STAGE, ANSON H., HUMENIUK, J. M., and EASLEY, W. K. Bullous pemphigoid of the vulva: A case report, 169

STANEK, ALBERT (see SILLMAN ET AL.), 300

STANGENBERG, MAGNUS (see HANSON ET AL.), 817 STANHOPE, C. ROBERT (see REID ET AL.), 189

STEIN, JANET, BERG, CYNTHIA, JONES, JUDITH A., and DETTER, JAMES C. A screening protocol for a prenatal population at risk for inherited hemoglobin disorders: Results of its application to a group of Southeast Asians and blacks, 333 (Clinical opinion)

STEPHENS, THOMAS J. (see BUMP ET AL.), 917 STEVENS, LINDA J. (see FINEGAN ET AL.), 989 STIRRAT, GORDON M. (see CONWAY ET AL.), 947

STRANDJORD, ROALD E. (see MARKESTAD ET AL.), 254
STRICKLAND, DANIEL M., COX, KAY, McCubbin, Jack H., Whalley, PEGGY J., MACDONALD, PAUL C., and MITCHELL, MURRAY D. Plasma prostaglandins during the intravenous infusion of angiotensin II in pregnant women, 952

STROUD, JANE (see HANKINS ET AL.), 100

STUBBS, THOMAS M., LAZARCHICK, JOHN, and HORGER, EDGAR O., III. Plasma fibronectin levels in preeclampsia: A possible biochemical marker for vascular endothelial damage, 885 (Current investigation)

STYS, STANLEY J. (see MIODOVNIK ET AL.), 372

SUELDO, CARLOS, MARRS, RICHARD P., BERGER, TRISH, KLETZKY, OS-CAR A., and O'BRIEN, TIMOTHY J. Correlation of semen transferrin concentration and sperm fertilizing capacity,

Sultan, Charles, Emberger, Jean-Marie, Devillier, Claude, Chavis, Claude, Terraza, Annie, Descomps, Bernard, and Jean, Roger. Specific 5a-dihydrotestosterone receptor and δα-reductase activity in human amniotic fluid cells, 956

SUMNER, DAVID (see RUBIN ET AL.), 389

SUNDERJI, S. (see EL BADRY ET AL.), 474

SUPRAPTO, KARNO, and REED, SUZETTE. Naproxen sodium for pain relief in first-trimester abortion, 1000 (Comm. in brief)

SUSA, JOHN B., GRUPPUSO, PHILIP A., WIDNESS, JOHN A., DOMENECH, MERCEDES, CLEMONS, GISELA K., SEHGAL, PRABHAT, and SCHWARTZ, ROBERT. Chronic hyperinsulinemia in the fetal rhesus monkey: Effects of physiologic hyperinsulinemia on fetal substrates, hormones, and hepatic enzymes, 415

SUIDAN, JOSEPH S., and YOUNG, BRUCE K. Outcome of fetuses with lactic acidemia, 33

SUNG, HUNG-CHAO, WU, PAO-CHEN, and YANG, HSIU-YU. Reevaluation of 5-fluorouracil as a single therapeutic agent for gestational trophoblastic neoplasms, 69

SWAIN, MELISSA (see HATJIS ET AL.), 142

SWALWELL, CHRIS I. (see HESSER, MURATA, and SWALWELL), 1004 SYKES, G. S., MOLLOY, PAULA M., WOLLNER, J. C., BURTON, P. J., WOLTON, B., ROLFE, P., JOHNSON, P., and TURNBULL, A. C. Continuous, noninvasive measurement of fetal oxygen and carbon dioxide levels in labor by use of mass spectrometry,

TAGATZ, GEORGE (see NAGEL ET AL.), 76

TAMURA, RALPH K. (see SILVER ET AL.), 15

-(see SOCOL ET AL.), 228

TAWWATER, BARBARA (see YAMBAO ET AL.), 426

TENG, NELSON N. H., and BALLON, SAMUEL C. Partial hydatidiform mole with diploid karyotype: Report of three cases, 961

TERAMO, K. (see PEKONEN ET AL.), 893

TERRAZA, ANNIE (see SULTAN ET AL.), 956

THALME, BERTIL (see HANSON ET AL.), 817

THERRIAULT, GENE D. (see ZDEB, THERRIAULT, and LOGRILLO), 205 THIAGARAJAH, SIVA, BOURGEOIS, F. JOHN, HARBERT, GUY M., JR., and CAUDLE, MICHAEL R. Thrombocytopenia in preeclampsia: As-

sociated abnormalities and management principles, I –(see BOURGEOIS, THIAGARAJAH, and HARBERT), 213

THIBEAULT, DONALD W., HALL, FREDERICK K., SHEEHAN, MICHAEL B., and HALL, ROBERT T. Postasphyxial lung disease in newborn infants with severe perinatal acidosis, 393

THIERY, MICHEL (see VANDEKERCKHOVE ET AL.), 320 THOMSEN, STEN GROVE (see HANSEN ET AL.), 47 TILLINGER, KARL-GUNNAR (see HANSON ET AL.), 817

TOAFF, MICHAEL E. (see AHRAM ET AL.), 323

TOIG, GARY (see CARITIS ET AL.), 7

TOOFANIAN, ALI (see LEVENO ET AL.), 465 TOOT, PAUL J. (see BARNES, HARDER, and TOOT), 998

TOTH, MIKLOS (see FUCHS ET AL.), 27

TRELFORD, JOHN D., DEER, DAVID A., ORDORICA, EDWARD, FRANTI, CHARLES E., and TRELFORD-SAUDER, MARILYN. Ten-year prospective study in a management change of vulvar carcinoma,

Trelford-Sauder, Marilyn (see Trelford et al.), 288 Trimbos, J. B. M. J. (see Groenendijk, Trimbos, and Wallenburg),

TULANDI, TOGAS, KINCH, ROBERT A., GUYDA, HARVEY, MAZELLA, LORRAINE, and LAL, SAMARTHJI. Effect of methyldopa on menopausal flushes, skin temperature, and luteinizing hor-

mone secretion, 709
TURNBULL, A. C. (see Sykes et al.), 847

TWIGGS, LEO B. (see NAGEL ET AL.), 76 TYREY, E. LEE (see HOLMAN, TYREY, and HAMMOND), 151

UCHINO, FUMIYA (see KAJII ET AL.), 57 ULSTEIN, MAGNAR (see MARKESTAD ET AL.), 254

VALENTINE, THOMAS (see FELDMAN ET AL.), 573

VALENZUELA, G. (see SILER-KHODR, KHODR, and VALENZUELA), 376

VAN ORDEN, D. E. (see FARLEY ET AL.), 485

-(see FORD ET AL.), 480

VANDEKERCKHOVE, FRANK, NOENS, LUC, COLARDYN, FRANCIS, THIERY, MICHEL, and DELBARGE, WILLY. Thrombotic thrombocytopenic purpura mimicking toxemia of pregnancy, 320 (Comm. in brief)

Veille, J. C., Hosenpud, J. D., and Morton, M. J., with the technical assistance of Welch, J. E. Cardiac size and function in pregnancy-induced hypertension, 443

VENUS, INGEBORG (see ROMERO ET AL.), 259

- VENUTO, ROCCO, BURSTEIN, PAUL, and SCHNEIDER, ROGER. Pheochromocytoma: Antepartum diagnosis and management with tumor resection in the puerperium, 431 (Comm. in brief) VIEUX, ULRICK (see DIAKOUMAKIS, VIEUX, and SEIFE), 787
- VILLARD, MARK (see McGregor, Ott, and VILLARD), 385
- VOELLER, BRUCE (see LIVENGOOD, ADDISON, and VOELLER), 319 VOGEL, ROBERT B. (see ZAUNER ET AL.), 714
- VOROS, JANOS I. (see BELLINA ET AL.), 934

- WACHTEL, STEPHEN S. (see NAGEL ET AL.), 76
- WAITES, KEN B., BOBO, RAYMOND A., DAVIS, RICHARD O., BROOKINGS, ENEIDA S., and CASSELL, GAIL H. Clinically silent polymicrobial amnionitis and intrauterine fetal death associated with a Cu-7 intrauterine contraceptive device, 998
- WALLA, CATHERINE A. (see EGLINTON ET AL.), 97
- WALLENBURG, H. C. S. (see Groenendijk, Trimbos, and Wallen-BURG), 232
- -(see TEN KATE-BOOIJ and WALLENBURG), 103
- WALSH, SCOTT W., DUCSAY, CHARLES A., and NOVY, MILES J. Circadian hormonal interactions among the mother, fetus, and amniotic fluid, 745
- WANG, ROBERTA (see RODRIGUEZ ET AL.), 433
- Wapner, Ronald J. (see Cowchock et al.), 367 Wardlaw, Sharon L. (see Cholst et al.), 558
- WARSOF, S. L. (see RODECK ET AL.), 769
- WATKINSON, B. (see FRIED, WATKINSON, and WILLAN), 23
- WATSON, S. J. (see BRUSH ET AL.), 363
- WEBER. TOM (see HANSEN ET AL.), 47
- WEIJER, A. A. (see MARTIN, NIJHUIS, and WEIJER), 324
- WEINBERG, A. (see HARROD ET AL.), 38
- WEISZ, JUDITH (see LORENZ ET AL.), 519
- WEKSBERG, ROSANNA (see FINEGAN ET AL.), 989
- WELCH, J. E. (see VEILLE, HOSENPUD, and MORTON), 443 WELDEN, STEPHEN W. (see WILLIAMS, INGRAM, and WELDEN), 166
- WELLS, MICHAEL, HSI, BAE-LI, YEH, CHANG-JING G., and FAULK, W. PAGE. Spiral (uteroplacental) arteries of the human placental bed show the presence of amniotic basement membrane antigens, 973
- WENDEL, GEORGE D. (see HANKINS ET AL.), 506
- WHALLEY, PEGGY J. (see STRICKLAND ET AL.), 952
- WIDNESS, JOHN A. (see Susa et al.), 415
  WILLAN, A (see FRIED, WATKINSON, and WILLAN), 23
- WILLIAMS, J. KELL, INGRAM, JAMES M., and WELDEN, STEPHEN W. Management of noncongenital vaginal stenosis and distortion by the bicycle seat stool pressure technique, 166
- WILLIAMS, ROBERT F. (see SCHENKEN ET AL.), 394
  WILLIAMSON, H. OLIVER, SOWELL, GEORGE A., and SMITH, HUGH E. Spontaneous rupture of gravid uterus in a patient with diethylstilbestrol-type genital changes, 158

- WIMMER, JOHN E. (see MATTOX ET AL.), 132
- WINKEL, C. A. (see Parker et al.), 754 WITTLIFF, JAMES L. (see SANFILIPPO and WITTLIFF), 326
- WOESSNER, J. FREDERICK, JR. (see RAJABI and WOESSNER), 821 WOLCOTT, HUGH D., and GALLUP, DONALD G. Wide local excision in
- the treatment of vulvar carcinoma in situ: A reappraisal, 695 WOLLNER, J. C. (see SYKES ET AL.), 847
- WOLTON, B (see SYKES ET AL.), 847
- WONG, L. C., CHOO, Y. C., and MA, H. K. Use of oral VP16-213 as primary chemotherapeutic agent in treatment of gestational trophoblastic disease, 924
- WOODLING, SONJA (see CAVALIERI and WOODLING), 409
- WORK, BRUCE A., JR. (see ZUIDEMA, GOLDKRAND, and WORK), 783
- WRIGHT, V. C., DAVIES, ELEANOR, and RIOPELLE, MARY ANN. Laser cyclindrical excision to replace conization, 704
- Wu, PAO-CHEN (see SUNG, Wu, and YANG), 69

- YAGEL, SUSAN K. (see YOUNG ET AL.), 52
- YAMASHITA, KOHKI, NAKAMURA, TAKAFUMI, and SHIMIZU, TETSUYA. Absence of major histocompatibility complex antigens in choriocarcinoma, 896 (Comm. in brief)
- Yambao, Thelma J., Tawwater, Barbara, Chuachingco, Joyce, Carrillo, Arturo, and Schwartz, Daniel. Effect of meconium on the detection of phosphatidylglycerol, 426 Yang, Hsiu-yu (see Sung, Wu, and Yang), 69
- YEH, CHANG-IING G. (see WELLS ET AL.), 973
- YLIKORKALA, OLAVI (see MÄKÄRÄINEN and ULIKORKALA), 765
- YORK, ANITA C., and RETTENMAIER, MARK A. An unusual complication of delayed management in a case of fetal death, 101 (Comm. in brief)
- YOUNG, BRUCE K. (see SUIDAN and YOUNG), 33
- YOUNG, RICHARD S. K., HESSERT, TIMOTHY R., PRICHARD, GARY A., and YAGEL, SUSAN K. Naloxone exacerbates hypoxic-ischemic brain injury in the neonatal rat, 52

- ZAUNER, CHRISTIAN W., NOTELOVITZ, MORRIS, FIELDS, CAROL D., CLAIR, KEVIN M., CLAIR, WILLIAM J., and VOGEL, ROBERT B. Cardiorespiratory efficiency at submaximal work in young and
- middle-aged women, 712

  ZDEB, MICHAEL S., THERRIAULT, GENE D., and LOGRILLO, VITO M. Frequency, spacing, and outcome of pregnancies subsequent to primary cesarean childbirth, 205
- ZETTNER, ALFRED (see COUSINS ET AL.), 455
- ZUIDEMA, LAURA J., GOLDKRAND, JOHN W., and WORK, BRUCE A., JR. Uterine contractility after rupture of the gravid uterus: A case report, 783 (Comm. in brief)
- ZUSPAN, FREDERICK P. (see BUMP ET AL.), 917

# Subject index\*

### A

Abdominal swelling, weight, and perceived body image: premenstrual syndrome (Faratian et al.), 200

Abortion(s), curettage, prophylactic antibiotics for (Grimes, Schulz, and Cates), 689 (Clinical opinion)

first-trimester, naproxen sodium for pain relief in (Suprapto and Reed), 1000 (Comm. in brief)

hypertonic saline–induced, prostaglandin  $F_{2\alpha}$ , oxytocin, and uterine activation in (Fuchs et al.), 27

spontaneous, among insulin-dependent diabetic women (Miodovnik et al.), 372

unexplained, and subclinical autoimmune disease (Cowchock et al.), 367

Acidemia, lactic, outcome of fetuses with (Suidan and Young), 33

Acidosis, severe perinatal, postasphyxial lung disease in newborn infants with (Thibeault et al.), 393 Adenocarcinoma, Stage IB, of cervix: metastatic potential and patterns

of dissemination (Kjorstad and Bond), 297 Adenomas, hepatocellular, successful pregnancy following partial hep

atectomy for removal of (Barnes, Harder, and Toot), 998 (Comm. in brief)

Adrenal cortical carcinoma, steroid hormone receptors in (Sanfilippo and Wittliff), 326 (Comm. in brief)

function, fetal, and fetal plasma lipoprotein-cholesterol metabolism, effect of hypertension in pregnant women on (Parker et al.), 263

Adrenergic (a<sub>1</sub>-) receptors, periarterial, and ovarian steroids, interaction of, in altering uterine blood flow during estrous cycle of gilts (Ford et al.), 480

quantitation of, in porcine uterine and mesenteric arteries (Farley et al.), 485

Adrenoceptor (β-) antagonist atenolol, obstetric aspects of use in pregnancy-associated hypertension of (Rubin et al.), 389

Adrenocorticotropic activity of extract from sheep placental tissue at term (Mitchell et al.), 217

Adrenocorticotropin-induced premature delivery and spontaneous vaginal delivery at term, comparison of changes in ovine plasma chorionic somatomammotropin concentrations in fetus and mother before (Lowe et al.), 524

Albumin, glucose, urea, and inorganic ions, concentrations of, and osmolarity, human uterine fluid, examined in undiluted samples for (Casslén and Nilsson), 877

Alcohol dehydrogenase and microsomal ethanol oxidative system activities, effects of ethanol on, in fetal mice (Salinas au-Arias), 541

Aldosteronism, primary, in pregnancy (Colton, Perez, and Fishman), 892 (Comm. in brief)

Aminoantipyrine (4-) infusions, fetal intravascular, effect of, on myometrial activity (contractures) at 125 to 143 days' gestation in pregnant sheep (El Badry et al.), 474

Amniocentesis, genetic: impact of placental position upon risk of pregnancy loss (Crane and Kopta), 813 midtrimester: obstetric outcome and neonatal neurobehavioral status

(Finegan et al.), 989 twin, use of indigo carmine for, and its effect on bilirubin analysis

twin, use of indigo carmine for, and its effect on bilirubin analysis (Horger and Moody), 858

Amnionitis, clinically silent polymicrobial, and intrauterine fetal death associated with Cu-7 intrauterine contraceptive device (Waites et al.), 998 (Comm. in brief)

Amniotic basement membrane antigens, spiral (uteroplacental) arteries of human placental bed show presence of (Wells et al.), 973

fluid cells, human, specific 5α-dihydrotestosterone receptor and 5αreductase activity in (Sultan et al.), 956 α-fetoprotein, elevated, another cause of—fetal pharyngeal tera-

toma (Anderson et al.), 432 (Comm. in brief) human, purification of lamellar bodies from (Cavalieri and Wood-

ling), 409 6-keto-prostaglandin  $F_{1\alpha}$  and thromboxane  $B_2$  during labor (Mäkäräinen and Ylikorkala), 765

mother, and fetus, circadian hormonal interactions among (Walsh, Ducsay, and Novy), 745

<sup>\*</sup>September 1, 1-114; September 15, 115-224; October 1, 225-332; October 15, 333-442; November 1, part 1, 443-572; part 2, 573-688; November 15, 689-800; December 1, 801-904; December 15, 905-1036.

Amniotic fluid-Cont'd

and pharyngeal aspirate surfactant composition, comparison of (Mattox et al.), 132

prolactin levels in tubal gestation: support for unique role of decidua (Rosenberg), 102 (Comm. in brief)

second-trimester, presence of meconium-like substance in (Alger, Kisner, and Nagey), 380

volume, ultrasound evaluation of. I. Relationship of marginal and decreased amniotic fluid volumes to perinatal outcome (Chamberlain et al.), 245

II. Relationship of increased amniotic fluid volume to perinatal outcome (Chamberlain et al.), 250

Analogue, low-dose prostaglandin E2, for cervical dilatation prior to pregnancy termination (Borten, DiLeo, and Friedman), 561

Androgen insensitivity syndrome: gonadal androgen receptor activity (Coulam, Graham, and Speisberg), 531

receptor in human testis, evidence for (Graham et al.), 534 Anencephalic fetuses, umbilical cord plasma concentrations of deoxycorticosterone sulfate in (Parker et al.), 754

Anesthesia, topical, for laparoscopic sterilization with use of tubal ring, comparative study of (Koetsawang et al.), 931 Aneuploid and polyploid cervical lesions, relationship between, VI.

Genital warts and cervical cancer (Reid et al.), 189 Angiotensin II, plasma prostaglandins during intravenous infusion of,

in pregnant women (Strickland et al.), 952 Anomalies, congenital renal, diagnosis of, with ultrasound. II. Infantile

polycystic kidney disease (Romero et al.), 259 Antepartum fetal heart rate testing. XI. Stimulation with orange juice

(Eglinton et al.), 97 (Comm. in brief) Antibiotics, prophylactic, for curettage abortion (Grimes, Schulz, and Cates), 689 (Clinical opinion)

Anticonvulsant drug therapy in human pregnancy: effects on serum concentrations of vitamin D metabolites in maternal and cord blood (Markestad et al.), 254

Antigens, amniotic basement membrane, spiral (uteroplacental) arteries of human placental bed show presence of (Wells et al.), 973

major histocompatibility complex, absence of, in choriocarcinoma (Yamashita, Nakamura, and Shimizu), 896 (Comm. in

Aqueductal stenosis, X-linked, natural history of, in second and third trimesters of pregnancy (Friedman and Santos-Ramos), 104 (Comm. in brief)

Arterial hypoxemia, hepatic oxygenation during, in neonatal lambs (Edelstone, Paulone, and Holzman), 513

Arteries, porcine uterine and mesenteric, quantitation of  $\alpha_1$ -adrenergic receptors in (Farley et al.), 485

spiral (uteroplacental), of human placental bed show presence of amniotic basement membrane antigens (Wells et al.),

Ascites, patients with and without, radioactivity in blood and urine following intraperitoneal instillation of chromic phosphate in (Bakri and Given), 184

Aspirate, pharyngeal, and amniotic fluid surfactant composition, comparison of (Mattox et al.), 132 Aspiration, follicular, severe ovarian hyperstimulation following

(Friedman et al.), 436 (Comm. in brief)

Atenolol, β-adrenoceptor antagonist, obstetric aspects of use in pregnancy-associated hypertension of (Rubin et al.),

Autoimmune disease, subclinical, and unexplained abortion (Cow chock et al.), 367

thrombocytopenic purpura: current concepts and recommended practices (Martin, Morrison, and Files), 86 (Current developments)

### B

Bacterial vaginosis (nonspecific vaginitis), prevalence, six-month persistence, and predictive values of laboratory indicators of,

in asymptomatic women (Bump et al.), 917

Basement membrane antigens, amniotic, spiral (uteroplacental) arteries of human placental bed show presence of (Wells et al.), 973

Benign cystic teratoma, ovarian, squamous cell carcinoma arising from (Selim, Razi, and Lankerani), 790 (Comm. in brief)

Betamethasone, effects of, on white blood cells in patients with premature rupture of membranes and preterm labor (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)

Bicornuate uterus, successful outcome of twin gestation in both horns of (Ahram et al.), 323 (Comm. in brief)

Bicycle seat stool pressure technique, management of noncongenital vaginal stenosis and distortion by (Williams, Ingram, and Welden), 166

Biliary bile acid output and plasma lipids, altered effect of 3% dietary cholestyramine on, in pregnant rat (Innis), 742

Bilirubin analysis, use of indigo carmine for twin amniocentesis and its effect on (Horger and Moody), 858

Biochemical marker, possible, for vascular endothelial damage: plasma fibronectin levels in preeclampsia (Stubbs, Lazarchick, and Horger), 885 (Current investigation)

Biopsy, chorionic villus, diagnosis of trisomy 21 by (Chatterjee et al.), 319 (Comm. in brief)

Birth, cesarean, and outcome, association between, in vertex presentation: relative importance of birth weight, Dubowitz scores, and delivery route (Rosen and Chik), 775

determinants of size at, in Canadian population (Anderson et al.),

previous cesarean: management considerations in patient with acute puerperal uterine inversion (Rodriguez et al.), 433 (Comm. in brief)

trauma, macrosomia, and operative delivery, prophylactic insulin treatment of gestational diabetes reduces incidence of (Coustan and Imarah), 836

weight, Dubowitz scores, and delivery route, relative importance of: association between cesarean birth and outcome in vertex presentation (Rosen and Chik), 775

Blacks and Southeast Asians, results of application to group of: screening protocol for prenatal population at risk for inherited hemoglobin disorders (Stein et al.), 333 (Clinical opinion)

Bland-White-Garland syndrome in pregnancy (Klein et al.), 106 (Comm. in brief)

Blastocyst, rabbit, implantation of: sequential changes in estradiol and progesterone and their receptors (Khan-Dawood and Da-

Blood cells, white, effects of betamethasone on, in patients with premature rupture of membranes and preterm labor (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)

flow, cerebral, regional distribution of, in experimental intrauterine

growth retardation (Clapp et al.), 843 and oxygen delivery to fetal organs as functions of fetal hematocrit (Fumia, Edelstone, and Holzman), 274

regulation, mammary, in nursing rabbit (Katz and Creasy),

uterine, interaction of ovarian steroids and periarterial a1-adrenergic receptors in altering, during estrous cycle of gilts (Ford et al.), 480

glucose, self-monitoring of, by diabetic women during third trimester of pregnancy (Hanson et al.), 817

maternal and cord, effects on serum concentrations of vitamin D metabolites in: anticonvulsant drug therapy in human pregnancy (Markestad et al.), 254

pressure and reproductive performance, relationship between, in spontaneously hypertensive rat (Lorenz et al.), 519 and urine, radioactivity in, following intraperitoneal instillation of

chromic phosphate in patients with and without ascites (Bakri and Given), 184

Body image, perceived, weight, and abdominal swelling: premenstrual syndrome (Faratian et al.), 200

Books received, 113, 223, 331, 903, 1011

Brain injury, hypoxic-ischemic, in neonatal rat, naloxone exacerbates (Young et al.), 52

Breast cancer, proposal to decrease risk and improve prognosis of (Gambrell), 119 stimulation in lactating women, prolactin response to, is not mediated

by endogenous opioids (Cholst et al.), 558

Breathing movements, fetal, and response to carbon dioxide in patients on methadone maintenance (Richardson, O'Grady, and Olsen), 400

meclofenamate and prostaglandin E2 affect, independently of glucose concentrations in fetal sheep (Murai et al.), 758

Bullous pemphigoid of vulva: case report (Stage, Humeniuk, and Easley), 169

Canadian population, determinants of size at birth in (Anderson et al.), 236

Cancer, breast, proposal to decrease risk and improve prognosis of (Gambrell), 119

cervical, and genital warts. VI. Relationship between aneuploid and polyploid cervical lesions (Reid et al.), 189

Cancer-Cont'd

occurrence, cervical, in Memphis and Shelby County, Tennessee, during 25 years of its cervical cytology screening program (Dunn et al.), 861

ovarian: diagnosis and management (Barber), 910 (Clinical opinion) Carbohydrate intolerance, glycosylated hemoglobin as screening test for, in pregnancy (Cousins et al.), 455

Carbon dioxide lasers, electronically pulsed versus quasi-continuous wave, analysis of, in animal model (Bellina et al.), 934 measurements, transcutaneous, in fetus during labor (Hansen

et al.), 47 and oxygen levels, fetal, in labor, continuous, noninvasive measurement of, by use of mass spectrometry (Sykes et al.),

847 response to, and fetal breathing movements in patients on methadone maintenance (Richardson, O'Crady, and Olsen), 400

Carcinoma, adrenal cortical, steroid hormone receptors in (Sanfilippo and Wittliff), 326 (Comm. in brief)

human endometrial, transplanted into nude mice, induction of cytoplasmic progesterone receptor in (Soper et al.), 437 (Comm. in brief)

squamous cell, arising from ovarian benign cystic teratoma (Selim, Razi, and Lankerani), 790 (Comm. in brief)

vulvar, in situ, wide local excision in treatment of: reappraisal (Wolcott and Gallup), 695

ten-year prospective study in management change of (Trelford et al.), 288

Cardiac size and function in pregnancy-induced hypertension (Veille, Hosenpud, and Morton), 443 Cardiorespiratory efficiency at submaximal work in young and middle-

aged women (Zauner et al.), 712 Catecholamine metabolism, altered, in polycystic ovary syndrome, ev-

idence for (Shoupe and Lobo), 566 Celiotomy techniques, modifications of, to decrease morbidity in obese

gynecologic patients (Gallup), 171 Cell(s) carcinoma, squamous, arising from ovarian benign cystic teratoma (Selim, Razi, and Lankerani), 790 (Comm. in

brief) epithelial, use of montages to study topographical relationship of: ultrastructure of normal, metaplastic, and abnormal hu-

man uterine cervix (Feldman et al.), 573 human amniotic fluid, specific 5α-dihydrotestosterone receptor and

5α-reductase activity in (Sultan et al.), 956 malignancies, refractory ovarian germ, VP16-213- and cisplatincontaining regimen for treatment of (Smith, Clarke-Pearson, and Creasman), 927

white blood, effects of betamethasone on, in patients with premature rupture of membranes and preterm labor (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)

Cerebral blood flow, regional distribution of, in experimental intrauterine growth retardation (Clapp et al.), 843

Cervical cancer and genital warts. VI. Relationship between aneuploid and polyploid cervical lesions (Reid et al.), 189

occurrence in Memphis and Shelby County, Tennessee, during 25 years of its cervical cytology screening program (Dunn et al.), 861

dilatation, low-dose prostaglandin E2 analogue for, prior to pregnancy termination (Borten, DiLeo, and Friedman),

intraepithelial neoplasia, cryosurgical treatment of: four-year experience (Arof, Gerbie, and Smeltzer), 865 and koilocyte: time-trend analysis of recent decade (Mazur and

Cloud), 354

pregnancy, second-trimester, conservative treatment of postpartum hemorrhage in (ten Kate-Booij and Wallenburg), 103 (Comm. in brief)

scleroderma: case of soft tissue dystocia (Bellucci, Coustan, and Plotz), 891 (Comm. in brief)

Cervix, normal, metaplastic, and abnormal human uterine, ultrastructure of: use of montages to study topographical relationship of epithelial cells (Feldman et al.), 573

Stage IB adenocarcinoma of: metastatic potential and patterns of dissemination (Kjorstad and Bond), 297

Cesarean birth and outcome, association between, in vertex presentation: relative importance of birth weight, Dubowitz scores, and delivery route (Rosen and Chik), 775

previous: management considerations in patient with acute puerperal uterine inversion (Rodriguez et al.), 433 (Comm. in brief)

childbirth, primary, frequency, spacing, and outcome of pregnancies subsequent to (Zdeb, Therriault, and Logrillo), 205

Chemotherapeutic agent, primary, use of oral VP16-213 as, in treatment of gestational trophoblastic disease (Wong, Choo, and Ma), 924

"Childbed fever," epidemic of (McGregor, Ott, and Villard), 385

Childbirth, primary cesarean, frequency, spacing, and outcome of pregnancies subsequent to (Zdeb, Therriault, and Logrillo), 205

Chlamydia trachomatis, postabortal pelvic infection associated with, and influence of humoral immunity (Osser and Persson), 699

Cholesterol-lipoprotein metabolism, fetal plasma, and fetal adrenal function, effect of hypertension in pregnant women on (Parker et al.), 263

synthesis by human fetal her mocytes: effect of lipoproteins (Carr and Simpson), 551

Cholestyramine, 3% dietary, altered effect of, on plasma lipids and biliary bile acid output in pregnant rat (Innis), 742

Chorioamnionitis, C-reactive protein as predictor for, in cases of pre-mature rupture of membranes (Romem and Artal), 546

Choriocarcinoma, absence of major histocompatibility complex antigens in (Yamashita, Nakamura, and Shimizu), 896 (Comm. in brief)

Chorionic gonadotropin, human, β-subunit of, contemporary approach to suspected ectopic pregnancy with use of quar titative and qualitative assays for, and sonography (Holman, Tyrey, and Hammond), 151

and thyroid function in patients with hydatidiform mole (Amir et al.), 723

somatomammotropin concentrations, ovine plasma, comparison of changes in, in fetus and mother before spontaneous vaginal delivery at term and adrenocorticotropin-induced premature delivery (Lowe et al.), 524

villus biopsy, diagnosis of trisomy 21 by (Chatterjee et al.), 319 (Comm. in brief)

Chromic phosphate, intraperitoneal instillation of, radioactivity in blood and urine following, in patients with and without ascites (Bakri and Given), 184

Chromosomal rings, sex, and fragments and gonadal dysgenesis, gonadal tumors in patients with (Nagel et al.), 76

Circadian hormonal interactions among mother, fetus, and amniotic fluid (Walsh, Ducsay, and Novy), 745 Circulation, maternal, immunoreactive gonadotropin-releasing hor-

mone level in, throughout pregnancy (Siler-Khodr, Khodr, and Valenzuela), 376

Cisplatin- and VP16-213-containing regimen for treatment of refractory ovarian germ cell malignancies (Smith, Clarke-Pearson, and Creasman), 927

Clinical opinion, 333-341, 689-694, 801-804, 910-916

Cloaca, exstrophy of, with omphalocele: two cases (Hesser, Murata, and Swalwell), 1004 (Comm. in brief)

Collagen breakdown, enzyme involved in, PZ-peptidase, rise in serum levels of, in human pregnancy and labor (Rajabi and Woessner), 821

Colloid osmotic pressure changes, peripartum: influence of intravenous hydration (Gonik et al.), 99 (Comm. in brief) Communications in brief, 97-107, 319-328, 431-441, 783-792, 888-897,

998-1007

Conceptional (post-) induction of menses with double prostaglandin F24 impact (Borten and Friedman), 1006 (Comm. in brief)

Congenital renal anomalies, diagnosis of, with ultrasound. II. Infantile polycystic kidney disease (Romero et al.), 259

Conization, laser cylindrical excision to replace (Wright, Davies, and Riopelle), 704

Consultants for American Journal of Obstetrics and Gynecology, 905 Contraceptive device, Cu-7 intrauterine, clinically silent polymicrobial amnionitis and intrauterine fetal death associated with (Waites et al.), 998 (Comm. in brief)

sponge, Today, and diaphragm, comparative trial of (Edelman, McIntyre, and Harper), 869

topical, effect of, on endocervical culture for Neisseria gonorrhoeae (Livengood, Addison, and Voeller), 319 (Comm. in brief) Contractility and size, ventricular, M-mode assessment of, during sec-

ond and third trimesters of pregnancy in normal fetus, IV. Fetal echocardiography (DeVore, Siassi, and Platt),

uterine, after rupture of gravid uterus: case report (Zuidema, Goldkrand, and Work), 783 (Comm. in brief)

Cord and maternal blood, effects on serum concentrations of vitamin D metabolites in: anticonvulsant drug therapy in human pregnancy (Markestad et al.), 254

plasma concentrations, umbilical, of deoxycorticosterone sulfate in anencephalic fetuses (Parker et al.), 754

- Correspondence, 108-112, 329-330, 793-799, 898-902, 1008-1010 Cortical carcinoma, adrenal, steroid hormone receptors in (Sanfilippo and Wittliff) 326 (Comm. in brief)
- Cryosurgical treatment of cervical intraepithelial neoplasia: four-year experience (Arof, Gerbie, and Smeltzer), 865
- Culture for Neisseria gonorrhoeae, endocervical, effect of topical contraceptive on (Livengood, Addison, and Voeller), 319 (Comm. in brief)
- Curettage abortion, prophylactic antibiotics for (Grimes, Schulz, and Cates), 689 (Clinical opinion)
- Current developments, 86-96, 309-318
- investigation, 83-85, 780-782, 885-887
- Cu-7 intrauterine contraceptive device, clinically silent polymicrobial amnionitis and intrauterine fetal death associated with (Waites et al.), 998 (Comm. in brief)
- Cystic teratoma, ovarian benign, squamous cell carcinoma arising from (Selim, Razi, and Lankerani), 790 (Comm. in brief)
- Cytology screening program, its cervical, cervical cancer occurrence in Memphis and Shelby County, Tennessee, during 25 years of (Dunn et al.), 861
- Cytoplasmic estrogen and progesterone receptor content of uterine
  - sarcomas (Soper et al.), 342 progesterone receptor, induction of, in human endometrial carcinoma transplanted into nude mice (Soper et al.), 437 (Comm. in brief)

- Death, fetal, unusual complication of delayed management in case of (York and Rettenmaier), 101 (Comm. in brief)
- intrauterine fetal, and clinically silent polymicrobial amnionitis as-sociated with Cu-7 intrauterine contraceptive device (Waites et al.), 998 (Comm. in brief)
- Decelerations, fetal heart rate, significance of, during nonstress testing (Bourgeois, Thiagarajah, and Harbert), 213
- Decidua, human, and endometrium, diamine oxidase activity in (Holinka and Gurpide), 359
- support for unique role of: ammiotic fluid prolactin levels in tubal gestation (Rosenberg), 102 (Comm. in brief)
  Delivery and labor, long-term effects of, on offspring: matched-pair
- analysis (Friedman et al.), 941
- operative, birth trauma, and macrosomia, prophylactic insulin treat-ment of gestational diabetes reduces incidence of (Coustan and Imarah), 836
- plasma β-endorphin concentrations after, prior to and during pregnancy, and in labor (Hoffman et al.), 492
- premature, addition of magnesium sulfate improves effectiveness of ritodrine in preventing (Hatjis et al.), 142
- preterm, is not predicted by serial plasma estradiol or progesterone concentration measurements (Block, Liggins, and Creasy), 716
- prior, perinatal outcome following, in late second or early third trimester (Socol et al.), 228
- route, birth weight, and Dubowitz scores, relative importance of: association between cesarean birth and outcome in vertex presentation (Rosen and Chik), 775
- spontaneous vaginal, at term and adrenocorticotropin-induced premature delivery, comparison of changes in ovine plasma chorionic somatomammotropin concentrations in fetus
- and mother before (Lowe et al.), 524 timed, and steroids, use of, retrospective comparison of observation
- versus: management of preterm prematurely ruptured membranes (Iams and Barrows), 977
  Deoxycorticosterone sulfate, umbilical cord plasma concentrations of, in anencephalic fetuses (Parker et al.), 754
- Diabetes, gestational, prophylactic insulin treatment of, reduces incidence of macrosomia, operative delivery, and birth trauma (Coustan and Imarah), 836
- Diabetic pregnancy, what affects fetal pulmonary maturation during (Ferroni et al.), 270
- women, insulin-dependent, spontaneous abortion among (Miodovnik et al.), 372
- self-monitoring of blood glucose by, during third trimester of pregnancy (Hanson et al.), 817
- Diamine oxidase activity in human decidua and endometrium (Holinka and Gurpide), 359
- Diaphragm and Today contraceptive sponge, comparative trial of
- (Edelman, McIntyre, and Harper), 869
  Dietary cholestyramine, 3%, altered effect of, on plasma lipids and biliary bile acid output in pregnant rat (Innis), 742
  Diethylstilbestrol-type genital changes, spontaneous rupture of gravid uterus in patient with (Williamson, Sowell, and Smith),

- Digoxin-like immunoreactive substance in preeclampsia (Gusdon, Buckalew, and Hennessy), 83 (Current investigation)
- Dihydrotestosterone (5α-) receptor, specific, and 5α-reductase activity in human amniotic fluid cells (Sultan et al.), 956
- Dilatation, cervical, low-dose prostaglandin E2 analogue for, prior to prostagrandin E<sub>2</sub> analogue for, prior to pregnancy termination (Borten, DiLeo, and Friedman), 561
- Diploid karyotype, partial hydatidiform mole with: report of three cases (Teng and Ballon), 961
- Disease, gestational trophoblastic, epidemiology of (Grimes), 309 (Current developments)
  - use of oral VP16-213 as primary chemotherapeutic agent in
  - treatment of (Wong, Choo, and Ma), 924 infantile polycystic kidney, II. Diagnosis of congenital renal anom-alies with ultrasound (Romero et al.), 259
- postasphyxial lung, in newborn infants with severe perinatal acidosis (Thibeault et al.), 393
- subclinical autoimmune, and unexplained abortion (Cowchock et al.), 367
- Dissemination, patterns of, and metastatic potential: Stage IB adenocarcinoma of cervix (Kjorstad and Bond), 297
- Distress, fetal, observations concerning causes of, I. Prolonged preg-nancy (Leveno et al.), 465
- Diuretics, effects of, on plasma volume in pregnancies with long-term hypertension (Sibai, Grossman, and Grossman), 831
- Drug therapy, anticonvulsant, in human pregnancy: effects on serum concentrations of vitamin D metabolites in maternal and cord blood (Markestad et al.), 254
- Dubowitz scores, delivery route, and birth weight, relative importance of: association between cesarean birth and outcome in vertex presentation (Rosen and Chik), 775
- Dysfunctional labor, oxytocin augmentation of. IV. Oxytocin pharmacokinetics (Seitchik et al.), 225
- Dysgenesis, gonadal, and sex chromosomal rings and fragments, gonadal tumors in patients with (Nagel et al.), 76
- Dyspareunia, equestrian (Greiss), 168
- Dystocia, soft tissue, case of: cervical scleroderma (Bellucci, Coustan, and Plotz), 891 (Comm. in brief)

- Echocardiography, fetal. IV. M-mode assessment of ventricular size and contractility during second and third trimesters of pregnancy in normal fetus (DeVore, Siassi, and Platt), 981
- Eclampsia-induced uterine hypertonus, fetal resuscitation with terbu-taline during (Barrett), 895 (Comm. in brief)
  - longitudinal evaluation of hemodynamic changes in (Hankins et al.),
- Ectopic pregnancy, persistent trophoblast following conservative operation for (Richards), 100 (Comm. in brief)
  - suspected, contemporary approach to, with use of quantitative and qualitative assays for β-subunit of human chorionic gonadotropin and sonography (Holman, Tyrey, and Hammond), 151
- Electronically pulsed versus quasi-continuous wave carbon dioxide lasers, analysis of, in animal model (Bellina et al.), 934
- Endocervical culture for Neisseria gonorrhoeae, effect of topical contraceptive on (Livengood, Addison, and Voeller), 319 (Comm. in brief)
- Endometrial carcinoma, human, transplanted into nude mice, induction of cytoplasmic progesterone receptor in (Soper et al.), 437 (Comm. in brief)
- Endometriosis, etiology of infertility in monkeys with: measurement of peritoneal fluid prostaglandins (Schenken et al.),
- 349 Endometrium and decidua, human, diamine oxidase activity in (Holinka and Gurpide), 359
- Endorphin (β-) concentrations, plasma, prior to and during pregnancy, in labor, and after delivery (Hoffman et al.), 492
- Endoscope, ultra-thin-caliber, investigation of obstructive jaundice by: new technique for potential use in pregnancy (Bar-Meir and Rotmensch), 1003 (Comm. in brief)
- Endothelial damage, vascular, possible biochemical marker for: plasma fibronectin levels in preeclampsia (Stubbs, Lazarchick, and Horger), 885 (Current investigation)
- Enzyme(s), hepatic, hormones, and substrates, fetal, effects of physiologic hyperinsulinemia on: chronic hyperinsulinemia in fetal rhesus monkey (Susa et al.), 415
- involved in collagen breakdown, PZ-peptidase, rise in serum levels of, in human pregnancy and labor (Rajabi and Woessner),

Epidemic of "childbed fever" (McGregor, Ott, and Villard), 385 Epidemiology of gestational trophoblastic disease (Grimes), 309 (Cur-

rent developments)

Epithelial cells, use of montages to study topographical relationship of: ultrastructure of normal, metaplastic, and abnormal human uterine cervix (Feldman et al.), 573

neoplasms, human ovarian, quantitation of immunoglobulins in effusions of (Kutteh et al.), 65

Equestrian dyspareunia (Greiss), 168

Erythroblastosis fetalis, severe, secondary to anti-Kp<sup>b</sup> sensitization (Dacus and Spinnato), 888 (Comm. in brief)

Escherichia coli gas production in stillborn fetus (Jasnosz, Macpherson, and Mazer), 1001 (Comm. in brief)

Essential fatty acid levels, abnormal, in plasma of women with premenstrual syndrome (Brush et al.), 363

Estradiol or progesterone concentration measurements, serial plasma, preterm delivery is not predicted by (Block, Liggins, and Creasy), 716

and their receptors, sequential changes in: implantation of rabbit blastocyst (Khan-Dawood and Dawood), 450

Estrogen, cytoplasmic, and progesterone receptor content of uterine sarcomas (Soper et al.), 342

and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy (Khan-Dawood and Dawood), 501

Estrous cycle of gilts, interaction of ovarian steroids and periarterial  $\alpha_1$ -adrenergic receptors in altering uterine blood flow during (Ford et al.), 480

Ethanol, effects of, on alcohol dehydrogenase and microsomal ethanol oxidative system activities in fetal mice (Salinas and Arias),

"Excellence, pursuit of": have we apprehended and comprehended it (Sosnowski), 115

Excision, laser cylindrical, to replace conization (Wright, Davies, and Riopelle), 704

wide local, in treatment of vulvar carcinoma in situ: reappraisal (Wolcott and Gallup), 695

Exenteration, pelvic: 15-year experience in general metropolitan hospital (Averette et al.), 179

Experimental intrauterine growth retardation, regional distribution of cerebral blood flow in (Clapp et al.), 843
Exstrophy of cloaca with omphalocele: two cases (Hesser, Murata, and Swalwell), 1004 (Comm. in brief)

Fatty acid levels, abnormal essential, in plasma of women with premenstrual syndrome (Brush et al.), 363

Fertilizing capacity, sperm, and semen transferrin concentration, correlation of (Sueldo et al.), 528

Fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism, effect of hypertension in pregnant women on (Parker et al.), 263

breathing movements and response to carbon dioxide in patients on methadone maintenance (Richardson, O'Grady, and Ol-

sen), 400 death, intrauterine, and clinically silent polymicrobial amnionitis as-sociated with Cu-7 intrauterine contraceptive device

(Waites et al.), 998 (Comm. in brief) unusual complication of delayed management in case of (York and Rettenmaier), 101 (Comm. in brief)

distress, observations concerning causes of, I. Prolonged pregnancy (Leveno et al.), 465

echocardiography. IV. M-mode assessment of ventricular size and contractility during second and third trimesters of pregnancy in normal fetus (DeVore, Siassi, and Platt), 981

heart rate decelerations, significance of, during nonstress testing (Bourgeois, Thiagarajah, and Harbert), 213

testing, antepartum. XI. Stimulation with orange juice (Eglinton et al.), 97 (Comm. in brief)

hepatocytes, human, cholesterol synthesis by: effect of lipoproteins (Carr and Simpson), 551

hydrocephalus diagnosed by ultrasound, etiologic heterogeneity of (Harrod et al.), 38

intravascular 4-aminoantipyrine infusions, effect of, on myometrial activity (contractures) at 125 to 143 days' gestation in pregnant sheep (El Badry et al.), 474

lung liquid regulation by neuropeptides (Ross et al.), 421 mice, effects of ethanol on alcohol dehydrogenase and microsomal

ethanol oxidative system activities in (Salinas and Arias),

Fetal-Cont'd

organs, blood flow and oxygen delivery to, as functions of fetal hematocrit (Fumia, Edelstone, and Holzman), 274

oxygen and carbon dioxide levels in labor, continuous, noninvasive measurement of, by use of mass spectrometry (Sykes et al.), 847

pharyngeal teratoma--another cause of elevated amniotic fluid αfetoprotein (Anderson et al.), 432 (Comm. in brief)

pulmonary maturation during diabetic pregnancy, what affects (Ferroni et al.), 270

resuscitation with terbutaline during eclampsia-induced uterine hy-pertonus (Barrett), 895 (Comm. in brief)

rhesus monkey, chronic hyperinsulinemia in: effects of physiologic hyperinsulinemia on fetal substrates, hormones, and hepatic enzymes (Susa et al.), 415

sheep, continuous measurement of oxygen consumption in (Block et al.), 406

meclofenamate and prostaglandin E2 affect breathing movements independently of glucose concentrations in (Murai et al.),

supraventricular tachycardia, correction of, by compression of umbilical cord: report of case (Martin, Nijhuis, and Weijer), 324 (Comm. in brief)

thyrotoxicosis, prenatal diagnosis and treatment of (Pekonen et al.), 893 (Comm. in brief)

Fetoprotein (α-), elevated amniotic fluid, another cause of—fetal pharyngeal teratoma (Anderson et al.), 432 (Comm. in brief) Fetoscopic intravascular transfusions, management of severe rhesus isoimmunization by (Rodeck et al.), 769

"Fever, childbed," epidemic of (McGregor, Ott, and Villard), 385 Fetus(es), amniotic fluid, and mother, circadian hormonal interactions

among (Walsh, Ducsay, and Novy), 745 anencephalic, umbilical cord plasma concentrations of deoxycorticosterone sulfate in (Parker et al.), 754

chronically instrumented rhesus monkey, intrauterine growth of (Murata et al.), 40

compromised, maternal furosemide may not provoke urine production in (Harman), 322 (Comm. in brief)

and mother, comparison of changes in ovine plasma chorionic so-matomammotropin concentrations in, before spontaneous vaginal delivery at term and adrenocorticotropininduced premature delivery (Lowe et al.), 524

normal, M-mode assessment of ventricular size and contractility during second and third trimesters of pregnancy in, IV. Fetal echocardiography (DeVore, Siassi, and Platt), 981

stillborn, Escherichia coli gas production in (Jasnosz, Macpherson, and Mazer), 1001 (Comm. in brief)

transcutaneous carbon dioxide measurements in, during labor (Hansen et al.), 47

with lactic acidemia, outcome of (Suidan and Young), 33

Fibronectin levels, plasma, in preeclampsia: possible biochemical marker for vascular endothelial damage (Stubbs, Lazarchick, and Horger), 885 (Current investigation)

Flora, vaginal, in pregnancy, prospective study of: risk factors for prematurity and premature rupture of membranes (Minkoff et al.), 965

Fluorouracil (5-), reevaluation of, as single therapeutic agent for ges-tational trophoblastic neoplasms (Sung, Wu, and Yang),

Flushes, menopausal, skin temperature, and luteinizing hormone se cretion, effect of methyldopa on (Tulandi et al.), 709 Foliicular aspiration, severe ovarian hyperstimulation following (Fried-

man et al.), 436 (Comm. in brief)

Furosemide, maternal, may not provoke urine production in compro-mised fetus (Harman), 322 (Comm. in brief)

Gas production, Escherichia coli, in stillborn fetus (Jasnosz, Macpherson, and Mazer), 1001 (Comm. in brief)

Genetic amniocentesis: impact of placental position upon risk of pregnancy loss (Crane and Kopta), 813

aspects of vulvar lichen sclerosus (Friedrich and MacLaren), 161 Genital changes, diethylstilbestrol-type, spontaneous rupture of gravid uterus in patient with (Williamson, Sowell, and Smith),

excretion, asymptomatic, of herpes simplex virus during early labor (Hankins et al.), 100 (Comm. in brief)

intraepithelial neoplasia, lower, and human papillomavirus, relationship between, in immunosuppressed women (Sillman et al.), 300

warts and cervical cancer. VI. Relationship between aneuploid and polyploid cervical lesions (Reid et al.), 189

- Germ cell malignancies, refractory ovarian, VP16-213- and cisplatincontaining regimen for treatment of (Smith, Clarke-Pearson, and Creasman), 927
- Gestation, decreased length of, and marijuana use during pregnancy (Fried, Watkinson, and Willan), 23
  - 125 to 143 days', effect of fetal intravascular 4-aminoantipyrine infusions on myometrial activity (contractures) at, in pregnant sheep (El Badry et al.), 474
- tubal, amniotic fluid prolactin levels in: support for unique role of decidua (Rosenberg), 102 (Comm. in brief) twin, rhesus isoimmunization in (Knuppel et al.), 136 successful outcome of, in both horns of bicornuate uterus (Ahram
- et al.), 323 (Comm. in brief) Gestational diabetes, prophylactic insulin treatment of, reduces incidence of macrosomia, operative delivery, and birth trauma (Coustan and Imarah), 836
- trophoblastic disease, epidemiology of (Grimes), 309 (Current de
  - velopments)
    use of oral VP16-213 as primary chemotherapeutic agent in
    treatment of (Wong, Choo, and Ma), 924
    neoplasms, reevaluation of 5-fluorouracil as single therapeutic
- agent for (Sung, Wu, and Yang), 69
- Glucose, blood, self-monitoring of, by diabetic women during third trimester of pregnancy (Hanson et al.), 817
- concentrations, meclofenamate and prostaglandin E<sub>2</sub> affect breathing movements independently of, in fetal sheep (Murai et al.), 758
- urea, inorganic ions, and albumin, concentrations of, and osmolarity, human uterine fluid, examined in undiluted samples for (Casslén and Nilsson), 877
- Glycosylated hemoglobin as screening test for carbohydrate intolerance in pregnancy (Cousins et al.), 455
- Gonadal androgen receptor activity: androgen insensitivity syndrome
- (Coulam, Graham, and Spelsberg), 531 tumors in patients with gonadal dysgenesis and sex chromosomal
- rings and fragments (Nagel et al.), 76
  Gonadotropin, human chorionic, β-subunit of, contemporary approach to suspected ectopic pregnancy with use of quantitative and qualitative assays for, and sonography (Holman, Tyrey, and Hammond), 151
  - and thyroid function in patients with hydatidiform mole (Amir et al.), 723
- -releasing hormone level, immunoreactive, in maternal circulation throughout pregnancy (Siler-Khodr, Khodr, and Valenzuela), 376
- Gravid uterus, spontaneous rupture of, in patient with diethylstilbestrol-type genital changes (Williamson, Sowell, and Smith),
  - uterine contractility after rupture of: case report (Zuidema, Gold-krand, and Work), 783 (Comm. in brief)
- Growth, intrauterine, of chronically instrumented rhesus monkey fetuses (Murata et al.), 40
- retardation, experimental intrauterine, regional distribution of cerebral blood flow in (Clapp et al.), 843
- Gynecologic operations, pharmacokinetic study of moxalactam in patients undergoing (Rettenmaier et al.), 882
- patients, obese, modifications of celiotomy techniques to decrease morbidity in (Gallup), 171

- Heart rate decelerations, fetal, significance of, during nonstress testing (Bourgeois, Thiagarajah, and Harbert), 213
- testing, antepjrtum fetal. XI. Stimulation with orange juice (Eglinton et al.), 97 (Comm. in brief) Hematocrit, fetal, blood flow and oxygen delivery to fetal organs as
- functions of (Fumia, Edelstone, and Holzman), 274
- Hemodynamic changes, longitudinal evaluation of, in eclampsia (Hankins et al.), 506
- measurements in preeclampsia: preliminary observations (Groenen-dijk, Trimbos, and Wallenburg), 232 Hemoglobin disorders, inherited, screening protocol for prenatal population at risk for: results of its application to group of Southeast Asians and blacks (Stein et al.), 333 (Clinical
- glycosylated, as screening test for carbohydrate intolerance in pregnancy (Cousins et al.), 455
- Hemorrhage, postpartum, conservative treatment of, in second-trimester cervical pregnancy (ten Kate-Booij and Wallenburg), 103 (Comm. in brief)
- Hepatectomy, partial, for removal of hepatocellular adenomas, suc-cessful pregnancy following (Barnes, Harder, and Toot), 998 (Comm. in brief)

- Hepatic enzymes, hormones, and substrates, fetal, effects of physiologic hyperinsulinemia on: chronic hyperinsulinemia in fetal rhesus monkey (Susa et al.), 415
- oxygenation during arterial hypoxemia in neonatal lambs (Edelstone, Paulone, and Holzman), 513
- Hepatocellular adenomas, successful pregnancy following partial hepatectomy for removal of (Barnes, Harder, and Toot), 998 (Comm. in brief)
- Hepatocytes, human fetal, cholesterol synthesis by: effect of lipoproteins (Carr and Simpson), 551
- Herpes simplex virus, asymptomatic genital excretion of, during early labor (Hankins et al.), 100 (Comm. in brief)
- Heterogeneity, etiologic, of fetal hydrocephalus diagnosed by ultrasound (Harrod et al.), 38
- Histocompatibility complex antigens, major, absence of, in chorio-carcinoma (Yamashita, Nakamura, and Shimizu), 896 (Comm. in brief)
- Hormonal interactions, circadian, among mother, fetus, and amniotic fluid (Walsh, Ducsay, and Novy), 745
- Hormone(s) level, immunoreactive gonadotropin-releasing, in maternal circulation throughout pregnancy (Siler-Khodr, Khodr, and Valenzuela), 376
  - and receptor(s) levels, estrogen and progesterone, in human myometrium and placenta in term pregnancy (Khan-Dawood and Dawood), 501
  - steroid, in adrenal cortical carcinoma (Sanfilippo and Wittliff), 326 (Comm. in brief)
- secretion, luteinizing, menopausal flushes, and skin temperature, effect of methyldopa on (Tulandi et al.), 709
- substrates, and hepatic enzymes, fetal, effects of physiologic hyperinsulinemia on: chronic hyperinsulinemia in fetal rhesus monkey (Susa et al.), 415
- Hospital, general metropolitan, 15-year experience in: pelvic exenteration (Averette et al.), 179
- Human chorionic gonadotropin, β-subunit of, contemporary approach to suspected ectopic pregnancy with use of quantitative and qualitative assays for, and sonography (Holman, Tyrey, and Hammond), 151
  - and thyroid function in patients with hydatidiform mole (Amir et al.), 723
- Humoral immunity, influence of, postabortal pelvic infection associated with Chlamydia trachomatis and (Osser and Persson),
- Hydatidiform mole, human chorionic gonadotropin and thyroid function in patients with (Amir et al.), 723
  - partial, with diploid karyotype: report of three cases (Teng and Ballon), 961
- Hydration, intravenous, influence of: peripartum colloid osmotic pressure changes (Gonik et al.), 99 (Comm. in brief)
- Hydrocephalus, fetal, diagnosed by ultrasound, etiologic heterogeneity of (Harrod et al.), 38
- Hydrops fetalis, nonimmune, investigation of (Holzgreve et al.), 805 Hyperaldosteronism, primary, during pregnancy (Merrill, Dombroski, and MacKenna), 786 (Comm. in brief)
- Hyperinsulinemia, chronic, in fetal rhesus monkey: effects of physiologic hyperinsulinemia on fetal substrates, hormones,
- and hepatic enzymes (Susa et al.), 415 Hyperstimulation, severe ovarian, following follicular aspiration (Friedman et al.), 436 (Comm. in brief)
- Hypertension, long-term, effects of diuretics on plasma volume in pregnancies with (Sibai, Grossman, and Grossman),
- 831 pregnancy-associated, obstetric aspects of use of β-adrenoceptor antagonist atenolol in (Rubin et al.), 389
- -induced, cardiac size and function in (Veille, Hosenpud, and Morton), 443
- in pregnant women, effect of, on fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism (Parker et al.), 263
- Hypertensive rat, spontaneously, relationship between reproduc-tive performance and blood pressure in (Lorenz et al.), 519
- Hyperthermia, malignant, in pregnancy (Cupryn et al.), 327 (Comm. in brief)
- Hypertonic saline-induced abortions, prostaglandin F20, oxytocin, and uterine activation in (Fuchs et al.), 27
- Hypertonus, uterine, eclampsia-induced, fetal resuscitation with terbutaline during (Barrett), 895 (Comm. in brief)
- Hypoxemia, arterial, hepatic oxygenation during, in neonatal lambs (Edelstone, Paulone, and Holzman), 513
- Hypoxic-ischemic brain injury in neonatal rat, naloxone exacerbates (Young et al.), 52

Hysterectomy, confirmation of preoperative diagnoses for (Lee et al.),

- Immunity, humoral, influence of, postabortal pelvic infection associated with *Chlamydia trachomatis* and (Osser and Persson),
- Immunoglobulins, quantitation of, in effusions of human ovarian epithelial neoplasms (Kutteh et al.), 65
- Immunoreactive gonadotropin-releasing hormone level in maternal circulation throughout pregnancy (Siler-Khodr, Khodr, and Valenzuela), 376
  - substance, digoxin-like, in preeclampsia (Gusdon, Buckalew, and Hennessy), 83 (Current investigation)
- Immunosuppressed women, relationship between human papillomavirus and lower genital intraepithelial neoplasia in (Sillman et al.), 300
- Implantation of rabbit blastocyst: sequential changes in estradiol and progesterone and their receptors (Khan-Dawood and Dawood), 450
- Indigo carmine, use of, for twin amniocentesis and its effect on bilirubin analysis (Horger and Moody), 858
- Infant(s), newborn, with severe perinatal acidosis, postasphyxial lung disease in (Thibeault et al.), 393
- premature, uterine strangulation of (Goodlin and Kubitz), 435 (Comm. in brief)
- Infantile polycystic kidney disease, II. Diagnosis of congenital renal anomalies with ultrasound (Romero et al.), 259
- Infection, postabortal pelvic, associated with Chlamydia trachomatis and influence of humoral immunity (Osser and Persson),
- Infertility in monkeys with endometriosis, etiology of: measurement of peritoneal fluid prostaglandins (Schenken et al.), 349
- Infusion, intravenous, of angiotensin II, plasma prostaglandins during, in pregnant women (Strickland et al.), 952
- Inherited hemoglobin disorders, screening protocol for prenatal pop-ulation at risk for: results of its application to group of Southeast Asians and blacks (Stein et al.), 333 (Clinical opinion)
- Inorganic ions, albumin, glucose, and urea, concentrations of, and osmolarity, human uterine fluid, examined in undiluted samples for (Casslén and Nilsson), 877
- Instillation, intraperitoneal, of chromic phosphate, radioactivity in blood and urine following, in patients with and without
- ascites (Bakri and Given), 184
  Instrumented versus spontaneous: uroflowmetry (Bergman and Bhatia), 788 (Comm. in brief)
- Insulin-dependent diabetic women, spontaneous abortion among (Miodovnik et al.), 372
- treatment, prophylactic, of gestational diabetes reduces incidence of macrosomia, operative delivery, and birth trauma (Coustan and Imarah), 836
- Intraepithelial neoplasia, cervical, cryosurgical treatment of: four-year
  - experience (Arof, Gerbie, and Smeltzer), 865 and koilocyte: time-trend analysis of recent decade (Mazur and Cloud), 354
- lower genital, and human papillomavirus, relationship between, in immunosuppressed women (Sillman et al.), 300
- Intramuscular and intravenous magnesium sulfate regimens, comparison of, in preeclampsia (Sibai, Graham, and McCubbin), 728
- Intraperitoneal instillation of chromic phosphate, radioactivity in blood and urine following, in patients with and without ascites (Bakri and Given), 184
- Intrauterine fetal death and clinically silent polymicrobial amnionitis associated with Cu-7 intrauterine contraceptive device (Waites et al.), 998 (Comm. in brief)
- growth of chronically instrumented rhesus monkey fetuses (Murata et al.), 40
  - retardation, experimental, regional distribution of cerebral blood flow in (Clapp et al.), 843
- Intravascular 4-aminoantipyrine infusions, fetal, effect of, on myometrial activity (contractures) at 125 to 143 days' gestation in pregnant sheep (El Badry et al.), 474
- transfusions, fetoscopic, management of severe rhesus isoimmunization by (Rodeck et al.), 769
- Intravenous hydration, influence of: peripartum colloid osmotic pressure changes (Gonik et al.), 99 (Comm. in brief)
  - infusion of angiotensin II, plasma prostaglandins during, in pregnant women (Strickland et al.), 952

- Intravenous-Cont'd
- and intramuscular magnesium sulfate regimens, comparison of, in preeclampsia (Sibai, Graham, and McCubbin), 728
- Inversion, acute puerperal uterine, management considerations in pa tient with: previous cesarean birth (Rodriguez et al.), 433 (Comm. in brief)
- acute and subacute puerperal uterine, management of, with terbu-taline sulfate (Kovacs and DeVore), 784 (Comm. in brief)
- Ions, inorganic, albumin, glucose, and urea, concentrations of, and osmolarity, human uterine fluid, examined in undiluted samples for (Casslén and Nilsson), 877
- Ischemic-hypoxic brain injury in neonatal rat, naloxone exacerbates (Young et al.), 52
- Isoimmunization, rhesus, in twin gestation (Knuppel et al.), 136 severe rhesus, management of, by fetoscopic intravascular transfu-sions (Rodeck et al.), 769
- Items, 114, 224, 332, 442, 572, 800, 904, 1012

Jaundice, obstructive, investigation of, by ultra-thin-caliber endoscope: new technique for potential use in pregnancy (Bar-Meir and Rotmensch), 1003 (Comm. in brief)

- Karyotype, diploid, partial hydatidiform mole with: report of three cases (Teng and Ballon), 961
- Kidney disease, infantile polycystic, II. Diagnosis of congenital renal anomalies with ultrasound (Romero et al.), 259
- Koilocyte and cervical intraepithelial neoplasia: time-trend analysis of recent decade (Mazur and Cloud), 354

- Labor, amniotic fluid 6-keto-prostaglandin F10 and thromboxane B2 during (Mäkäräinen and Ylikorkala), 765
- continuous, noninvasive measurement of fetal oxygen and carbon dioxide levels in, by use of mass spectrometry (Sykes et al.), 847
- and delivery, long-term effects of, on offspring: matched-pair analysis (Friedman et al.), 941
- dysfunctional, oxytocin augmentation of. IV. Oxytocin pharmacokinetics (Seitchik et al.), 225
- early, asymptomatic genital excretion of herpes simplex virus during (Hankins et al.), 100 (Comm. in brief)
- management of spontaneous rupture of membranes in absence of, in primigravid women at term (Conway et al.), 947
- plasma B-endorphin concentrations in, prior to and during preg-
- nancy, and after delivery (Hoffman et al.), 492 and pregnancy, human, rise in serum levels of PZ-peptidase, enzyme involved in collagen breakdown, in (Rajabi and Woessner), 821
- preterm, double-blind study comparing ritodrine and terbutaline in treatment of (Caritis et al.), 7
  - and premature rupture of membranes, effects of betamethasone on white blood cells in patients with (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)
- transcutaneous carbon dioxide measurements in fetus during (Hansen et al.), 47
- uterine rupture with use of vaginal prostaglandin E2 for induction of (Claman, Carpenter, and Reiter), 889 (Comm. in
- Laboratory indicators of bacterial vaginosis (nonspecific vaginitis), prevalence, six-month persistence, and predictive values of, in asymptomatic women (Bump et al.), 917
- Lactating women, prolactin response to breast stimulation in, is not mediated by endogenous opioids (Cholst et al.), 558 Lactic acidemia, outcome of fetuses with (Suidan and Young), 33
- Lamellar bodies from human amniotic fluid, purification of (Cavalieri and Woodling), 409
- Laparoscopic sterilization with use of tubal ring, comparative study of topical anesthesia for (Koetsawang et al.), 931
- Laser(s) cylindrical excision to replace conization (Wright, Davies, and Riopelle), 704
- electronically pulsed versus quasi-continuous wave carbon dioxide, analysis of, in animal model (Bellina et al.), 934
- Legal liability in use of ultrasound by office-based obstetricians (Perone, Carpenter, and Robertson), 801 (Clinical opinion)
- Lesions, polyploid and aneuploid cervical, relationship between, VI. Genital warts and cervical cancer (Reid et al.), 189
- Liability, legal, in use of ultrasound by office-based obstetricians (Perone, Carpenter, and Robertson), 801 (Clinical opinion) Lichen sclerosus, vulvar, genetic aspects of (Friedrich and MacLaren),

- Limb defects, reduction, and vitamin intake during early pregnancy, lack of association between (Aro et al.), 433 (Comm. in brief
- Lipids, plasma, and biliary bile acid output, altered effect of 3% dietary
- cholestyramine on, in pregnant rat (Innis), 742 Lipoprotein(s)-cholesterol metabolism, fetal plasma, and fetal adrenal function, effect of hypertension in pregnant women on (Parker et al.), 263
- effect of: cholesterol synthesis by human fetal hepatocytes (Carr and Simpson), 551
- Lung disease, postasphyxial, in newborn infants with severe perinatal acidosis (Thibeault et al.), 393
- liquid regulation, fetal, by neuropeptides (Ross et al.), 421 Luteinizing hormone secretion, menopausal flushes, and skin temperature, effect of methyldopa on (Tulandi et al.), 709

- Macrosomia, operative delivery, and birth trauma, prophylactic insulin treatment of gestational diabetes reduces incidence of (Coustan and Imarah), 836
- Magnesium sulfate, addition of, improves effectiveness of ritodrine in preventing premature delivery (Hatjis et al.), 142
- regimens, intravenous and intramuscular, comparison of, in preeclampsia (Sibai, Graham, and McCubbin), 728 Malignancies, refractory ovarian germ cell, VP16-213- and cisplatin-
- containing regimen for treatment of (Smith, Clarke-Pearson, and Creasman), 927
- Malignant hyperthermia in pregnancy (Cupryn et al.), 327 (Comm. in brief
- Mammary blood flow regulation in nursing rabbit (Katz and Creasy),
- Marijuana use during pregnancy and decreased length of gestation (Fried, Watkinson, and Willan), 23
- Mass spectrometry, continuous, noninvasive measurement of fetal oxygen and carbon dioxide levels in labor by use of (Sykes et al.), 847
- Matched-pair analysis: long-term effects of labor and delivery or offspring (Friedman et al.), 941
- Maternal circulation, immunoreactive gonadotropin-releasing hormone level in, throughout pregnancy (Siler-Khodr,
- Khodr, and Valenzuela), 376 and cord blood, effects on serum concentrations of vitamin D metabolites in: anticonvulsant drug therapy in human pregnancy (Markestad et al.), 254
- furosemide may not provoke urine production in compromised fetus (Harman), 322 (Comm. in brief)
- and perinatal mortality in religious group avoiding obstetric care (Kaunitz et al.), 826
- Maturation, fetal pulmonary, what affects, during diabetic pregnancy (Ferroni et al.), 270
- Meclofenamate and prostaglandin E2 affect breathing movements independently of glucose concentrations in fetal sheep (Mu-
- rai et al.), 758 Meconium, effect of, on detection of phosphatidylglycerol (Yambao et al.), 426
- -like substance, presence of, in second-trimester amniotic fluid (Alger, Kisner, and Nagey), 380
- Membranes, management of spontaneous rupture of, in absence of labor in primigravid women at term (Conway et al.), 947
- premature rupture of, C-reactive protein as predictor for chorioam-nionitis in cases of (Romem and Artal), 546
  - and prematurity, risk factors for: prospective study of vaginal flora in pregnancy (Minkoff et al.), 965
  - and preterm labor, effects of betamethasone on white blood cells in patients with (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)
- preterm prematurely ruptured, management of: retrospective comparison of observation versus use of steroids and timed delivery (Iams and Barrows), 977
- Memphis and Shelby County, Tennessee, cervical cancer occurrence in, during 25 years of its cervical cytology screening program (Dunn et al.), 861
- Menopausal flushes, skin temperature, and luteinizing hormone secretion, effect of methyldopa on (Tulandi et al.), 709
- Menses, postconceptional induction of, with double prostaglandin  $F_{2\alpha}$ impact (Borten and Friedman), 1006 (Comm. in brief)
- Mesenteric and uterine arteries, porcine, quantitation of  $\alpha_1$ -adrenergic receptors in (Farley et al.), 485
- Metabolism, altered catecholamine, in polycystic ovary syndrome, evidence for (Shoupe and Lobo), 566

- Metabolism-Cont'd
- fetal plasma lipoprotein-cholesterol, and fetal adrenal function, ef-fect of hypertension in pregnant women on (Parker et al.), 263
- Metaplastic, abnormal, and normal human uterine cervix, ultrastructure of: use of montages to study topographical relationship of epithelial cells (Feldman et al.), 573
- Metastatic potential and patterns of dissemination: Stage IB adenocarcinoma of cervix (Kjorstad and Bond), 297
- Methadone maintenance, fetal breathing movements and response to carbon dioxide in patients on (Richardson, O'Grady, and Olsen), 400
- Methyldopa, effect of, on menopausal flushes, skin temperature, and luteinizing hormone secretion (Tulandi et al.), 709
- Microsomal ethanol oxidative system activities and alcohol dehydrogenase, effects of ethanol on, in fetal mice (Salinas and Arias), 541
- Middle-aged and young women, cardiorespiratory efficiency at submaximal work in (Zauner et al.), 712
- Model, animal, analysis of electronically pulsed versus quasi-continuous wave carbon dioxide lasers in (Bellina et al.),
- Mole(s), hydatidiform, human chorionic gonadotropin and thyroid function in patients with (Amir et al.), 723
- partial hydatidiform, with diploid karyotype: report of three cases (Teng and Ballon), 961
- XY and XX complete: clinical and morphologic correlations (Kajii et al.), 57
- Montages, use of, to study topographical relationship of epithelial cells: ultrastructure of normal, metaplastic, and abnormal human uterine cervix (Feldman et al.), 573
- Morbidity, modifications of celiotomy techniques to decrease, in obese gynecologic patients (Gallup), 171
- Mortality, perinatal and maternal, in religious group avoiding obstetric care (Kaunitz et al.), 826
- Mother, fetus, and amniotic fluid, circadian hormonal interactions among (Walsh, Ducsay, and Novy), 745
  - comparison of changes in ovine plasma chorionic somatomammotropin concentrations in, before spontaneous vaginal delivery at term and adrenocorticotropin-induced premature delivery (Lowe et al.), 524
- Movements, breathing, meclofenamate and prostaglandin E2 affect, independently of glucose concentrations in fetal sheep (Murai et al.), 758
- fetal breathing, and response to carbon dioxide in patients on methadone maintenance (Richardson, O'Grady, and Olsen),
- Moxalactam, pharmacokinetic study of, in patients undergoing gynecologic operations (Rettenmaier et al.), 882
- Myometrial activity (contractures), effect of fetal intravascular 4-aminoantipyrine infusions on, at 125 to 143 days' gestation
- in pregnant sheep (El Badry et al.), 474 Myometrium and placenta, human, estrogen and progesterone receptor and hormone levels in, in term pregnancy (Khan-Dawood and Dawood), 501

### N

- Naloxone exacerbates hypoxic-ischemic brain injury in neonatal rat (Young et al.), 52
- Naproxen sodium for pain relief in first-trimester abortion (Suprapto and Reed), 1000 (Comm. in brief)
- Neisseria gonorrhoeae, effect of topical contraceptive on endocervical culture for (Livengood, Addison, and Voeller), 319 (Comm. in brief)
- Neonatal lambs, hepatic oxygenation during arterial hypoxemia in (Edelstone, Paulone, and Holzman), 513
- neurobehavioral status and obstetric outcome: midtrimester amniocentesis (Finegan et al.), 989
- rat, naloxone exacerbates hypoxic-ischemic brain injury in (Young et al.), 52
- Neoplasia, cervical intraepithelial, cryosurgical treatment of: four-year experience (Arof, Gerbie, and Smeltzer), 865 and koilocyte: time-trend analysis of recent decade (Mazur and
- Cloud), 354 lower genital intraepithelial, and human papillomavirus, relationship between, in immunosuppressed women (Sillman et al.), 300
- Neoplasms, gestational trophoblastic, reevaluation of 5-fluorouracil as single therapeutic agent for (Sung, Wu, and Yang), 69 human ovarian epithelial, quantitation of immunoglobulins in ef-
- fusions of (Kutteh et al.), 65

Neurobehavioral status, neonatal, and obstetric outcome: midtrimester amniocentesis (Finegan et al.), 989

Neuropeptides, fetal lung liquid regulation by (Ross et al.), 421 Newborn infants with severe perinatal acidosis, postasphyxial lung disease in (Thibeault et al.), 393

Nonimmune hydrops fetalis, investigation of (Holzgreve et al.), 805 Nonstress testing, significance of fetal heart rate decelerations during (Bourgeois, Thiagarajah, and Harbert), 213

Nursing rabbit, mammary blood flow regulation in (Katz and Creasy),

### 0

Obese gynecologic patients, modifications of celiotomy techniques to

decrease morbidity in (Gallup), 171
Obstetric aspects of use in pregnancy-associated hypertension of β-adrenoceptor antagonist atenolol (Rubin et al.), 389

care, perinatal and maternal mortality in religious group avoiding (Kaunitz et al.), 826

outcome and neonatal neurobehavioral status: midtrimester amniocentesis (Finegan et al.), 989

Obstetricians, office-based, legal liability in use of ultrasound by (Perone, Carpenter, and Robertson), 801 (Clinical opinion) Offspring, long-term effects of labor and delivery on: matched-pair

analysis (Friedman et al.), 941 Omphalocele, exstrophy of cloaca with: two cases (Hesser, Murata, and Swalwell), 1004 (Comm. in brief)

Operations, gynecologic, pharmacokinetic study of moxalactam in patients undergoing (Rettenmaier et al.), 882

Operative delivery, birth trauma, and macrosomia, prophylactic insulin treatment of gestational diabetes reduces incidence of (Coustan and Imarah), 836

Opioids, endogenous, prolactin response to breast stimulation in lactating women is not mediated by (Cholst et al.), 558

Oral VP16-213, use of, as primary chemotherapeutic agent in treatment of gestational trophoblastic disease (Wong, Choo, and Ma), 924

Orange juice, stimulation with, XI. Antepartum fetal heart rate testing (Eglinton et al.), 97 (Comm. in brief)

Organs, fetal, blood flow and oxygen delivery to, as functions of fetal hematocrit (Fumia, Edelstone, and Holzman), 274

Osmolarity and concentrations of inorganic ions, albumin, glucose, and urea, human uterine fluid, examined in undiluted samples for (Casslén and Nilsson), 877

Osmotic pressure changes, peripartum colloid: influence of intravenous hydration (Gonik et al.), 99 (Comm. in brief)

Ovarian benign cystic teratoma, squamous cell carcinoma arising from (Selim, Razi, and Lankerani), 790 (Comm. in brief)

cancer: diagnosis and management (Barber), 910 (Clinical opinion) epithelial neoplasms, human, quantitation of immunoglobulins in effusions of (Kutteh et al.), 65

germ cell malignancies, refractory, VP16-213- and cisplatin-containing regimen for treatment of (Smith, Clarke-Pearson, and Creasman), 927

hyperstimulation, severe, following follicular aspiration (Friedman et al.), 436 (Comm. in brief)

steroids and periarterial a<sub>1</sub>-adrenergic receptors, interaction of, in altering uterine blood flow during estrous cycle of gilts (Ford et al.), 480

Ovary syndrome, polycystic, evidence for altered catecholamine metabolism in (Shoupe and Lobo), 566

Oxygen and carbon dioxide levels, fetal, in labor, continuous, noninvasive measurement of, by use of mass spectrometry (Sykes et al.), 847

consumption, continuous measurement of, in fetal sheep (Block et al.), 406

delivery and blood flow to fetal organs as functions of fetal hematocrit (Fumia, Edelstone, and Holzman), 274

Oxygenation, hepatic, during arterial hypoxemia in neonatal lambs (Edelstone, Paulone, and Holzman), 513

Oxytocin augmentation of dysfunctional labor. IV. Oxytocin pharmacokinetics (Seitchik et al.), 225

prostaglandin  $F_{2\alpha}$ , and uterine activation in hypertonic saline-induced abortions (Fuchs et al.), 27

receptors in human uterus during pregnancy and parturition (Fuchs et al.), 734

Pain relief in first-trimester abortion, naproxen sodium for (Suprapto and Reed), 1000 (Comm. in brief) Papers of Society for Gynecologic Investigation, 443-571

Papillomavirus, human, and lower genital intraepithelial neoplasia, relationship between, in immunosuppressed women (Sillman et al.), 300

Parturition and pregnancy, oxytocin receptors in human uterus during (Fuchs et al.), 734

Pelvic exenteration: 15-year experience in general metropolitan hos-pital (Averette et al.), 179

infection, postabortal, associated with Chlamydia trachomatis and in-fluence of humoral immunity (Osser and Persson), 699 Pemphigoid, bullous, of vulva: case report (Stage, Humeniuk, and

Easley), 169 Periarterial a1-adrenergic receptors and ovarian steroids, interaction of, in altering uterine blood flow during estrous cycle of

gilts (Ford et al.), 480 Perinatal acidosis, severe, postasphyxial lung disease in newborn infants with (Thibeault et al.), 393

and maternal mortality in religious group avoiding obstetric care (Kaunitz et al.), 826

outcome following prior delivery in late second or early third trimester (Socol et al.), 228

relationship of increased amniotic fluid volume to, II. Ultrasound evaluation of amniotic fluid volume (Chamberlain et al.), 250

marginal and decreased amniotic fluid volumes to perinatal outcome, I. Ultrasound evaluation of amniotic fluid volume (Chamberlain et al.), 245

Peripartum colloid osmotic pressure changes: influence of intravenous hydration (Gonik et al.), 99 (Comm. in brief)

Peritoneal fluid prostaglandins, measurement of: etiology of infertility in monkeys with endometriosis (Schenken et al.), 349

Pharmacokinetic(s), oxytocin, IV. Oxytocin augmentation of dysfunc-tional labor (Seitchik et al.), 225 study of moxalactam in patients undergoing gynecologic operations

(Rettenmaier et al.), 882 Pharyngeal aspirate and amniotic fluid surfactant composition, com-

parison of (Mattox et al.), 132 teratoma, fetal—another cause of elevated amniotic fluid α-fetopro-tein (Anderson et al.), 432 (Comm. in brief)

Pheochromocytoma: antepartum diagnosis and management with tumor resection in puerperium (Venuto, Burstein, and Schneider), 431 (Comm. in brief)

Phosphatidylglycerol, effect of meconium on detection of (Yambao et al.), 426

Placenta and myometrium, human, estrogen and progesterone receptor and hormone levels in, in term pregnancy (Khan-Dawood and Dawood), 501

percreta associated with second-trimester pregnancy termination (Hornstein et al.), 1002 (Comm. in brief)

previa: aggressive expectant management (Silver et al.), 15 Placental bed, human, spiral (uteroplacental) arteries of, show presence of amniotic basement membrane antigens (Wells et al.), 973

position, impact of, upon risk of pregnancy loss: genetic amniocentesis (Crane and Kopta), 813

tissue, sheep, at term, adrenocorticotropic activity of extract from (Mitchell et al.), 217

Plasma chorionic somatomammotropin concentrations, ovine, comparison of changes in, in fetus and mother before spontaneous vaginal delivery at term and adrenocorticotropininduced premature delivery (Lowe et al.), 524

β-endorphin concentrations prior to and during pregnancy, in labor, and after delivery (Hoffman et al.), 492

concentrations, umbilical cord, of deoxycorticosterone sulfate in anencephalic fetuses (Parker et al.), 754

estradiol or progesterone concentration measurements, serial, pre-term delivery is not predicted by (Block, Liggins, and Creasy), 716

fibronectin levels in preeclampsia: possible biochemical marker for vascular endothelial damage (Stubbs, Lazarchick, and Horger), 885 (Current investigation) lipids and biliary bile acid output, altered effect of 3% dietary cho-

lestyramine on, in pregnant rat (Innis), 742 lipoprotein-cholesterol metabolism, fetal, and fetal adrenal function,

effect of hypertension in pregnant women on (Parker et al.), 263

prostaglandins during intravenous infusion of angiotensin II in pregnant women (Strickland et al.), 952

protein A, pregnancy-associated, serum concentration of, in first trimester of pregnancy (Bersinger and Klopper), 780 (Current investigation)

volume, effects of diuretics on, in pregnancies with long-term hypertension (Sibai, Grossman, and Grossman), 831

- Plasma—Cont'd
- of women with premenstrual syndrome, abnormal essential fatty acid levels in (Brush et al.), 363
- Polycystic kidney disease, infantile, II. Diagnosis of congenital renal anomalies with ultrasound (Romero et al.), 259
- ovary syndrome, evidence for altered catecholamine metabolism in (Shoupe and Lobo), 566
- Polymicrobial amnionitis, clinically silent, and intrauterine fetal death associated with Cu-7 intrauterine contraceptive device (Waites et al.), 998 (Comm. in brief)
- Polyploid and aneuploid cervical lesions, relationship between, VI. Genital warts and cervical cancer (Reid et al.), 189
- Postabortal pelvic infection associated with Chlamydia trachomatis and influence of humoral immunity (Osser and Persson), 699
- Postasphyxial lung disease in newborn infants with severe perinatal acidosis (Thibeault et al.), 393
- Postpartum hemorrhage, conservative treatment of, in second-trimester cervical pregnancy (ten Kate-Booij and Wallenburg), 103 (Comm. in brief)
- Preeclampsia, comparison of intravenous and intramuscular magnesium sulfate regimens in (Sibai, Graham, and McCubbin), 798
- digoxin-like immunoreactive substance in (Gusdon, Buckalew, and Hennessy), 83 (Current investigation)
- Hennessy), 83 (Current investigation) hemodynamic measurements in: preliminary observations (Groenendijk, Trimbos, and Wallenburg), 232 plasma fibronectin levels in: possible biochemical marker for vascular
- plasma fibronectin levels in: possible biochemical marker for vascular endothelial damage (Stubbs, Lazarchick, and Horger), 885 (Current investigation)
- thrombocytopenia in: associated abnormalities and management principles (Thiagarajah et al.), 1
- Pregnancy(ies)-associated hypertension, obstetric aspects of use of β-adrenoceptor antagonist atenolol in (Rubin et al.), 389
  - plasma protein A, serum concentration of, in first trimester of pregnancy (Bersinger and Klopper), 780 (Current investigation)
- Bland-White-Garland syndrome in (Klein et al.), 106 (Comm. in brief)
- diabetic, what affects fetal pulmonary maturation during (Ferroni et al.), 270
- Pregnancy, early, lack of association between vitamin intake during, and reduction limb defects (Aro et al.), 433 (Comm. in brief)
- ectopic, persistent trophoblast following conservative operation for (Richards), 100 (Comm. in brief)
- glycosylated hemoglobin as screening test for carbohydrate intolerance in (Cousins et al.), 455
- human, anticonvulsant drug therapy in: effects on serum concentrations of vitamin D metabolites in maternal and cord blood (Markestad et al.), 254
- immunoreactive gonadotropin-releasing hormone level in maternal circulation throughout (Siler-Khodr, Khodr, and Valen-
- inadequate treatment of syphilis in (Mascola, Pelosi, and Alexander), 945
- -induced hypertension, cardiac size and function in (Veille, Hosen-
- pud, and Morton), 443 and labor, human, rise in serum levels of PZ-peptidase, enzyme involved in collagen breakdown, in (Rajabi and Woessner),
- loss, impact of placental position upon risk of: genetic amniocentesis (Crane and Kopta), 813
- malignant hyperthermia in (Cupryn et al.), 327 (Comm. in brief) marijuana use during, and decreased length of gestation (Fried, Wichingson and William) 39
- Watkinson, and Willan), 23
  M-mode assessment of ventricular size and contractility during second and third trimesters of, in normal fetus, IV. Fetal echocardiography (DeVore, Siassi, and Platt), 981
- new technique for potential use in: investigation of obstructive jaundice by ultra-thin-caliber endoscope (Bar-Meir and Rotmensch), 1003 (Comm. in brief)
- and parturition, oxytocin receptors in human uterus during (Fuchs et al.), 734
- plasma β-endorphin concentrations prior to and during, in labor, and after delivery (Hoffman et al.), 492
- primary aldosteronism in (Colton, Perez, and Fishman), 892 (Comm. in brief)
- hyperaldosteronism during (Merrill, Dombroski, and MacKenna), 786 (Comm. in brief)
- prolonged. I. Observations concerning causes of fetal distress (Leveno et al.), 465

- Pregnancy-Cont'd
- prospective study of vaginal flora in: risk factors for prematurity and premature rupture of membranes (Minkoff et al.), 965
- second and third trimesters of, natural history of X-linked aqueductal stenosis in (Friedman and Santos-Ramos), 104 (Comm. in brief)
- -trimester cervical, conservative treatment of postpartum hemorrhage in (ten Kate-Booij and Wallenburg), 103 (Comm. in brief)
- self-monitoring of blood glucose by diabetic women during third trimester of (Hanson et al.), 817
- subsequent to primary cesarean childbirth, frequency, spacing, and outcome of (Zdeb, Therriault, and Logrillo), 205
- successful, following partial hepatectomy for removal of hepatocellular adenomas (Barnes, Harder, and Toot), 998 (Comm. in brief)
- suspected ectopic, contemporary approach to, with use of quantitative and qualitative assays for B-subunit of human chorionic gonadotropin and sonography (Holman, Tyrey, and Hammond), 151
- term, estrogen and progesterone receptor and hormone levels in human myometrium and placenta in (Khan-Dawood and Dawood). 501
- termination, low-dose prostaglandin  $\rm E_1$  analogue for cervical dilatation prior to (Borten, DiLeo, and Friedman), 561
- second-trimester, placenta percreta associated with (Hornstein et al.), 1002 (Comm. in brief)
- thrombotic thrombocytopenic purpura mimicking toxemia of (Vanderkerckhove et al.), 320 (Comm. in brief)
- with long-term hypertension, effects of diuretics on plasma volume in (Sibai, Grossman, and Grossman), 831
- Pregnant rat, altered effect of 3% dietary cholestyramine on plasma lipids and biliary bile acid output in (Innis), 742
- sheep, effect of fetal intravascular 4-aminoantipyrine infusions on myometrial activity (contractures) at 125 to 143 days' gestation in (El Badry et al.), 474
- women, effect of hypertension in, on fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism (Parker et al.), 263
- plasma prostaglandins during intravenous infusion of angiotensin II in (Strickland et al.), 952
- Primigravid women at term, management of spontaneous rupture of membranes in absence of labor in (Conway et al.), 947
- Premature delivery, addition of magnesium sulfate improves effectiveness of ritodrine in preventing (Hatjis et al.), 142
  - adrenocorticotropin-induced, and spontaneous vaginal delivery at term, comparison of changes in ovine plasma chorionic somatomammotropin concentrations in fetus and mother before (Lowe et al.), 524
- infant, uterine strangulation of (Goodlin and Kubitz), 435 (Comm. in brief)
- rupture of membranes, C-reactive protein as predictor for chorioamnionitis in cases of (Romem and Artal), 546
  - and prematurity, risk factors for: prospective study of vaginal
  - flora in pregnancy (Minkoff et al.), 965 and preterm labor, effects of betamethasone on white blood cells in patients with (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)
- Prematurely ruptured membranes, preterm, management of: retrospective comparison of observation versus use of steroids and timed delivery (Iams and Barrows), 977
- Prematurity and premature rupture of membranes, risk factors for prospective study of vaginal flora in pregnancy (Minkoff et al.), 965
- Premenstrual syndrome, abnormal essential fatty acid levels in plasma of women with (Brush et al.), 363
- weight, abdominal swelling, and perceived body image (Faratian et al.), 200
- Prenatal diagnosis and treatment of fetal thyrotoxicosis (Pekonen et al.), 893 (Comm. in brief)
- population at risk for inherited hemoglobin disorders, screening protocol for: results of its application to group of Southeast Asians and blacks (Stein et al.), 333 (Clinical opinion)
- Preoperative diagnoses for hysterectomy, confirmation of (Lee et al.), 283
- Pressure changes, peripartum colloid osmotic: influence of intravenous hydration (Gonik et al.), 99 (Comm. in brief)
- Preterm delivery is not predicted by serial plasma estradiol or progesterone concentration measurements (Block, Liggins, and Creasy), 716

Preterm-Cont'd

labor, double-blind study comparing ritodrine and terbutaline in treatment of (Caritis et al.). 7

and premature rupture of membranes, effects of betamethasone on white blood cells in patients with (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)

prematurely ruptured membranes, management of: retrospective comparison of observation versus use of steroids and timed delivery (Iams and Barrows), 977

Progesterone concentration measurements, serial plasma estradiol or, preterm delivery is not predicted by (Block, Liggins, and Creasy), 716

and estradiol and their receptors, sequential changes in: implantation of rabbit blastocyst (Khan-Dawood and Dawood), 450

and estrogen receptor and hormone levels in human myometrium and placenta in term pregnancy (Khan-Dawood and Dawood), 501

receptor content, cytoplasmic estrogen and, of uterine sarcomas (Soper et al.), 342

cytoplasmic, induction of, in human endometrial carcinoma transplanted into nude mice (Soper et al.), 437 (Comm. in brief)

Prognosis of breast cancer, proposal to decrease risk and improve (Gambrell), 119

Prolactin levels, amniotic fluid, in tubal gestation: support for unique role of decidua (Rosenberg), 102 (Comm. in brief)
response to breast stimulation in lactating women is not mediated
by endogenous opioids (Cholst et al.), 558

Prostaglandin(s) E2 analogue, low-dose, for cervical dilatation prior to

pregnancy termination (Borten, DiLeo, and Friedman), 561

and meclofenamate affect breathing movements independently of glucose concentrations in fetal sheep (Murai et al.),

vaginal, for induction of labor, uterine rupture with use of (Claman, Carpenter, and Reiter), 889 (Comm. in brief)

F<sub>1α</sub> (6-keto-) and thromboxane B<sub>2</sub>, amniotic fluid, during labor (Mäkäräinen and Ylikorkala), 765

 $F_{2\alpha}$  impact, double, postconceptional induction of menses with (Borten and Friedman), 1006 (Comm. in brief)

oxytocin, and uterine activation in hypertonic saline-induced abortions (Fuchs et al.), 27
peritoneal fluid, measurement of: etiology of infertility in monkeys

with endometriosis (Schenken et al.), 349

plasma, during intravenous infusion of angiotensin II in pregnant women (Strickland et al.), 952

Protein A, pregnancy-associated plasma, serum concentration of, in first trimester of pregnancy (Bersinger and Klopper), 780 (Current investigation)

C-reactive, as predictor for chorioamnionitis in cases of premature rupture of membranes (Romem and Artal), 546

Puerperal uterine inversion, acute, management considerations in pa tient with: previous cesarean birth (Rodriguez et al.), 433 (Comm. in brief)

and subacute, management of, with terbutaline sulfate (Kovacs and DeVore), 784 (Comm. in brief)

Puerperium, antepartum diagnosis and management with tumor resection in: pheochromocytoma (Venuto, Burstein, and Schneider), 431 (Comm. in brief)

Pulmonary maturation, fetal, what affects, during diabetic pregnancy (Ferroni et al.), 270

Purpura, autoimmune thrombocytopenic: current concepts and recommended practices (Martin, Morrison, and Files), 86 (Current developments)

thrombotic thrombocytopenic, mimicking toxemia of pregnancy (Vanderkerckhove et al.), 320 (Comm. in brief)

"Pursuit of excellence": have we apprehended and comprehended it (Sosnowski), 115

PZ-peptidase, enzyme involved in collagen breakdown, rise in serum levels of, in human pregnancy and labor (Rajabi and Woessner), 821

Radioactivity in blood and urine following intraperitoneal instillation of chromic phosphate in patients with and without ascites (Bakri and Given), 184

Receptor(s) activity, gonadal androgen: androgen insensitivity syndrome (Coulam, Graham, and Spelsberg), 531 α<sub>1</sub>-adrenergic, quantitation of, in porcine uterine and mesenteric

arteries (Farley et al.), 485 androgen, in human testis, evidence for (Graham et al.), 534 Receptor(s)-Cont'd

content, cytoplasmic estrogen and progesterone, of uterine sarcomas (Soper et al.), 342

cytoplasmic progesterone, induction of, in human endometrial carcinoma transplanted into nude mice (Soper et al.), 437 (Comm. in brief)

and hormone levels, estrogen and progesterone, in human myometrium and placenta in term pregnancy (Khan-Dawood and Dawood), 501

oxytocin, in human uterus during pregnancy and parturition (Fuchs et al.). 734

periarterial α<sub>1</sub>-adrenergic, and ovarian steroids, interaction of, in altering uterine blood flow during estrous cycle of gilts (Ford et al.), 480

specific 5α-dihydrotestosterone, and 5α-reductase activity in human amniotic fluid cells (Sultan et al.), 956

steroid hormone, in adrenal cortical carcinoma (Sanfilippo and Wittliff), 326 (Comm. in brief)

their, estradiol and progesterone and, sequential changes in: implantation of rabbit blastocyst (Khan-Dawood and Dawood), 450

Reductase (5α-) activity and specific 5α-dihydrotestosterone receptor in human amniotic fluid cells (Sultan et al.), 956

Reduction limb defects and vitamin intake during early pregnancy, lack of association between (Aro et al.), 433 (Comm. in brief

Releasing, gonadotropin-, hormone level, immunoreactive, in maternal circulation throughout pregnancy (Siler-Khodr, Khodr, and Valenzuela), 376

Religious group avoiding obstetric care, perinatal and maternal mortality in (Kaunitz et al.), 826

Renal anomalies, congenital, diagnosis of, with ultrasound. II. Infantile polycystic kidney disease (Romero et al.), 259

Reproductive performance and blood pressure, relationship between, in spontaneously hypertensive rat (Lorenz et al.),

Resuscitation, fetal, with terbutaline during eclampsia-induced uterine hypertonus (Barrett), 895 (Comm. in brief)

Retardation, experimental intrauterine growth, regional distribution of cerebral blood flow in (Clapp et al.), 843

Ring, tubal, comparative study of topical anesthesia for laparoscopic sterilization with use of (Koetsawang et al.), 931

Ritodrine, addition of magnesium sulfate improves effectiveness of, in preventing premature delivery (Hatjis et al.), 142 and terbutaline, double-blind study comparing, in treatment of pre-

term labor (Caritis et al.), 7

Rupture of gravid uterus, uterine contractility after: case report (Zuidema, Goldkrand, and Work), 783 (Comm. in brief) premature, of membranes, C-reactive protein as predictor for cho-

rioamnionitis in cases of (Romem and Artal), 546 and prematurity, risk factors for: prospective study of vaginal flora in pregnancy (Minkoff et al.), 965

and preterm labor, effects of betamethasone on white blood cells in patients with (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)

spontaneous, of gravid uterus in patient with diethylstilbestrol-type genital changes (Williamson, Sowell, and Smith),

of membranes, management of, in absence of labor in primigravid women at term (Conway et al.), 947

uterine, with use of vaginal prostaglandin E2 for induction of labor (Claman, Carpenter, and Reiter), 889 (Comm. in brief) Ruptured membranes, preterm prematurely, management of: retro-

spective comparison of observation versus use of steroids and timed delivery (Iams and Barrows), 977

Saline, hypertonic, -induced abortions, prostaglandin F2u, oxytocin, and uterine activation in (Fuchs et al.), 27

Sarcomas, uterine, cytoplasmic estrogen and progesterone receptor content of (Soper et al.), 342

Scleroderma, cervical: case of soft tissue dystocia (Bellucci, Coustan, and Plotz), 891 (Comm. in brief)

Screening program, its cervical cytology, cervical cancer occurrence in Memphis and Shelby County, Tennessee, during 25 years of (Dunn et al.), 861

protocol for prenatal population at risk for inherited hemoglobin disorders: results of its application to group of Southeast Asians and blacks (Stein et al.), 333 (Clinical opinion) test for carbohydrate intolerance, glycosylated hemoglobin as, in

pregnancy (Cousins et al.), 455

- Self-monitoring of blood glucose by diabetic women during third trimester of pregnancy (Hanson et al.), 817
- Semen transferrin concentration and sperm fertilizing capacity, correlation of (Sueldo et al.), 528
- Sensitization, anti-Kpb, severe erythroblastosis fetalis secondary to (Dacus and Spinnato), 888 (Comm. in brief)
- Serum concentration(s) of pregnancy-associated plasma protein A in first trimester of pregnancy (Bersinger and Klopper), 780 (Current investigation)
  - of vitamin D metabolites in maternal and cord blood, effects on: anticonvulsant drug therapy in human pregnancy (Markestad et al.), 254
- levels of PZ-peptidase, enzymc involved in collagen breakdown, rise in, in human pregnancy and labor (Rajabi and Woessner), 821
- Sex chromosomal rings and fragments and gonadal dysgenesis, gonadal tumors in patients with (Nagel et al.), 76
- Shelby County and Memphis, Tennessee, cervical cancer occurrence in, during 25 years of its cervical cytology screening program (Dunn et al.). 861
- gram (Dunn et al.), 861 Size at birth, determinants of, in Canadian population (Anderson et al.), 236
- Skin temperature, luteinizing hormone secretion, and menopausal flushes, effect of methyldopa on (Tulandi et al.), 709
- Society for Gynecologic Investigation, papers of, 443-571 Somatomammotropin concentrations, ovine plasma chorionic, comparison of changes in, in fetus and mother before spontaneous vaginal delivery at term and adreno
- induced premature delivery (Lowe et al.), 524 Sonographic demonstration of thecoma: report of two cases (Diakoumakis, Vieux, and Seife), 787 (Comm. in brief)
- Sonography and quantitative and qualitative assays for β-subunit of human chorionic gonadotropin, contemporary approach to suspected ectopic pregnancy with use of (Holman, Tyrey, and Hammond), 151
- South Atlantic Association of Obstetricians and Gynecologists (The), transactions, forty-sixth annual meeting, 115-188
- Southeast Asians and blacks, results of application to group of: screening protocol for prenatal population at risk for inherited hemoglobin disorders (Stein et al.), 333 (Clinical opinion)
- Spectrometry, mass, continuous, noninvasive measurement of fetal oxygen and carbon dioxide levels in labor by use of (Sykes et al.), 847
- Sperm fertilizing capacity and semen transferrin concentration, correlation of (Sueldo et al.), 528
- Spiral (uteroplacental) arteries of human placental bed show presence of amniotic basement membrane antigens (Wells et al.), 973
- Sponge, Today contraceptive, and diaphragm, comparative trial of (Edelman, McIntyre, and Harper), 869
- Squamous cell carcinoma arising from ovarian benign cystic teratoma (Selim, Razi, and Lankerani), 790 (Comm. in
- Stenosis, noncongenital vaginal, and distortion, management of, by bicycle seat stool pressure technique (Williams, Ingram, and Welden), 166
- X-linked aqueductal, natural history of, in second and third trimesters of pregnancy (Friedman and Santos-Ramos), 104 (Comm. in brief)
- Sterilization, laparoscopic, with use of tubai ring, comparative study of topical anesthesia for (Koetsawang et al.), 931
- Steroid(s) hormone receptors in adrenal cortical carcinoma (Sanfilippo and Wittliff), 326 (Comm. in brief)
- and Withit), 326 (Comm. in brief)
  ovarian, and periarterial a<sub>1</sub>-adrenergic receptors, interaction of, in
  altering uterine blood flow during estrous cycle of gilts
  (Ford et al.), 480
- and timed delivery, use of, retrospective comparison of observation versus: management of preterm prematurely ruptured membranes (lams and Barrows), 977
- Stillborn fetus, Escherichia coli gas production in (Jasnosz, Macpherson, and Mazer), 1001 (Comm. in brief)
- Strangulation, uterine, of premature infant (Goodlin and Kubitz), 435 (Comm. in brief)
- Substrates, hormones, and hepatic enzymes, fetal, effects of physiologic hyperinsulinemia on: chronic hyperinsulinemia in fetal rhesus monkey (Susa et al.), 415
- Supraventricular tachycardia, fetal, correction of, by compression of umbilical cord: report of case (Martin, Nijhuis, and Weijer), 324 (Comm. in brief)
- Surfactant composition, amniotic fluid and pharyngeal aspirate, comparison of (Mattox et al.), 132

- Swelling, abdominal, weight, and perceived body image: premenstrual syndrome (Faratian et al.), 200
- Syndrome, androgen insensitivity: gonadal androgen receptor activity (Coulam, Graham, and Spelsberg), 531
  - Bland-White-Garland, in pregnancy (Klein et al.), 106 (Comm. in brief)
  - polycystic ovary, evidence for altered catecholamine metabolism in (Shoupe and Lobo), 566
- premenstrual, abnormal essential fatty acid levels in plasma of women with (Brush et al.), 363
  - weight, abdominal swelling, and perceived body image (Faratian et al.), 200
- Synthesis, cholesterol, by human fetal hepatocytes: effect of lipoproteins (Carr and Simpson), 551
- Syphilis, inadequate treatment of, in pregnancy (Mascola, Pelosi, and Alexander), 945

### T

- Tachycardia, fetal supraventricular, correction of, by compression of umbilical cord: report of case (Martin, Nijhuis, and Weijer), 324 (Comm. in brief)
- Temperature, skin, luteinizing hormone secretion, and menopausal flushes, effect of methyldopa on (Tulandi et al.), 709
- Tennessee, Memphis and Shelby County, cervical cancer occurrence in, during 25 years of its cervical cytology screening program (Purpos et al.) 861
- gram (Dunn et al.), 861 Teratoma, fetal pharyngeal—another cause of elevated amniotic fluid α-fetoprotein (Anderson et al.), 432 (Comm. in brief)
- o-retoprotein (Anderson et al.), 452 (Comm. in Driet) ovarian benign cystic, squamous cell carcinoma arising from (Selim, Razi, and Lankerani), 790 (Comm. in briet)
- Terbutaline and ritodrine, double-blind study comparing, in treatment of preterm labor (Caritis et al.), 7
- sulfate, management of acute and subacute puerperal uterine inversion with (Kovacs and DeVore), 784 (Comm. in brief)
- Test, screening, for carbohydrate intolerance, glycosylated hemoglobin as, in pregnancy (Cousins et al.), 455
- Testing, antepartum fetal heart rate. XI. Stimulation with orange juice (Eglinton et al.), 97 (Comm. in brief) nonstress, significance of fetal heart rate decelerations during (Bour-
- geois, Thiagarajah, and Harbert), 213
  Testis, human, evidence for androgen receptor in (Graham et al.)
- Testis, human, evidence for androgen receptor in (Graham et al.), 534
- Thecoma, sonographic demonstration of: report of two cases (Diakoumakis, Vieux, and Seife), 787 (Comm. in brief)
- Thrombocytopenia in preeclampsia: associated abnormalities and management principles (Thiagarajah et al.), 1
- Thrombocytopenic purpura, autoimmune: current concepts and recommended practices (Martin, Morrison, and Files), 86 (Current developments)
  - thrombotic, mimicking toxemia of pregnancy (Vanderkerckhove et al.), 320 (Comm. in brief)
- Thromboxane  $B_2$  and 6-keto-prostaglandin  $F_{1\alpha}$ , amniotic fluid, during labor (Mäkäräinen and Ylikorkala), 765
- Thyroid function and human chorionic gonadotropin in patients with hydatidiform mole (Amir et al.), 723
- Thyrotoxicosis, fetal, prenatal diagnosis and treatment of (Pekonen et al.), 893 (Comm. in brief)
- Tissue dystocia, soft, case of: cervical scleroderma (Bellucci, Coustan, and Plotz), 891 (Comm. in brief)
- sheep placental, at term, adrenocorticotropic activity of extract from (Mitchell et al.), 217
  Today contraceptive sponge and diaphragm, comparative trial of (Edel-
- man, McIntyre, and Harper), 869
  Topical anesthesia for laparoscopic sterilization with use of tubal ring,
- comparative study of (Koetsawang et al.), 931 contraceptive, effect of, on endocervical culture for *Neisseria gonor-rhoeae* (Livengood, Addison, and Voeller), 319 (Comm. in
- brief)
  Topographical relationship of epithelial cells, use of montages to study:
  ultrastructure of normal, metaplastic, and abnormal hu-
- man uterine cervix (Feldman et al.), 573

  Toxemia of pregnancy, thrombotic thrombocytopenic purpura mim-
- icking (Vanderkerckhove et al.), 320 (Comm. in brief)
  Transactions, forty-sixth annual meeting, The South Atlantic Association of Obstetricians and Gynecologists, 115-188
- Transcutaneous carbon dioxide measurements in fetus during labor (Hansen et al.), 47
- Transferrin concentration, semen, and sperm fertilizing capacity, correlation of (Sueldo et al.), 528
- Transfusions, fetoscopic intravascular, management of severe rhesus isoimmunization by (Rodeck et al.), 769

- Transplanted into nude mice, induction of cytoplasmic progesterone receptor in human endometrial carcinoma (Soper et al.), 437 (Comm. in brief)
- Trauma, birth, macrosomia, and operative delivery, prophylactic insulin treatment of gestational diabetes reduces incidence of (Coustan and Imarah), 836
- Trisomy 21, diagnosis of, by chorionic villus biopsy (Chatterjee et al.), 319 (Comm. in brief)
- Trophoblast, persistent, following conservative operation for ectopic pregnancy (Richards), 100 (Comm. in brief)
- Trophoblastic disease, gestational, epidemiology of (Grimes), 309 (Current developments)
  use of oral VP16-213 as primary chemotherapeutic agent in
  - treatment of (Wong, Choo, and Ma), 924 neoplasms, gestational, reevaluation of 5-fluorouracil as single ther-
- apeutic agent for (Sung, Wu, and Yang), 69 Tubal gestation, amniotic fluid prolactin levels in: support for unique role of decidua (Rosenberg), 102 (Comm. in brief)
- ring, comparative study of topical anesthesia for laparoscopic ster-ilization with use of (Koetsawang et al.), 931
- Tumor(s), gonadal, in patients with gonadal dysgenesis and sex chro-mosomal rings and fragments (Nagel et al.), 76
- resection in puerperium, antepartum diagnosis and management with: pheochromocytoma (Venuto, Burstein, and Schneider), 431 (Comm. in brief)
- Twin amniocentesis, use of indigo carmine for, and its effect on bilirubin analysis (Horger and Moody), 858
  - gestation, rhesus isoimmunization in (Knuppel et al.), 136 successful outcome of, in both horns of bicornuate uterus (Ahram et al.), 323 (Comm. in brief)

- Ultrasound, diagnosis of congenital renal anomalies with. II. Infantile
- polycystic kidney disease (Romero et al.), 259 etiologic heterogeneity of fetal hydrocephalus diagnosed by (Harrod et al.), 38
- evaluation of amniotic fluid volume. I. Relationship of marginal and decreased amniotic fluid volumes to perinatal outcome (Chamberlain et al.), 245
  - II. Relationship of increased amniotic fluid volume to perinatal outcome (Chamberlain et al.), 250
- legal liability in use of, by office-based obstetricians (Perone, Carpenter, and Robertson), 801 (Clinical opinion)
- Ultrastructure of normal, metaplastic, and abnormal human uterine cervix: use of montages to study topographical relationship of epithelial cells (Feldman et al.), 573
- Umbilical cord, correction of fetal supraventricular tachycardia by compression of: report of case (Martin, Nijhuis, and Weijer), 324 (Comm. in brief)
  - plasma concentrations of deoxycorticosterone sulfate in anencephalic fetuses (Parker et al.), 754
- Urea, inorganic ions, albumin, and glucose, concentrations of, and osmolarity, human uterine fluid, examined in undiluted samples for (Casslén and Nilsson), 877
- Urine and blood, radioactivity in, following intraperitoneal instillation of chromic phosphate in patients with and without ascites (Bakri and Given), 184
- production in compromised fetus, maternal furosemide may not provoke (Harman), 322 (Comm. in brief) Uroflowmetry: spontaneous versus instrumented (Bergman and Bha-
- tia), 788 (Comm. in brief) Uterine activation, oxytocin, and prostaglandin F2a in hypertonic sa-
- line-induced abortions (Fuchs et al.), 27
- blood flow, interaction of ovarian steroids and periarterial a1-adrenergic receptors in altering, during estrous cycle of gilts (Ford et al.), 480
- cervix, normal, metaplastic, and abnormal human, ultrastructure of: use of montages to study topographical relationship of epithelial cells (Feldman et al.), 573
- contractility after rupture of gravid uterus: case report (Zuidema, Goldkrand, and Work), 783 (Comm. in brief)
- fluid, human, examined in undiluted samples for osmolarity and concentrations of inorganic ions, albumin, glucose, and urea (Casslén and Nilsson), 877
- hypertonus, eclampsia-induced, fetal resuscitation with terbutaline during (Barrett), 895 (Comm. in brief)
- inversion, acute puerperal, management considerations in patient with: previous cesarean birth (Rodriguez et al.), 433 (Comm. in brief)
  - and subacute puerperal, management of, with terbutaline sulfate (Kovacs and DeVore), 784 (Comm. in brief)

- Uterine-Cont'd
- and mesenteric arteries, porcine, quantitation of a1-adrenergic receptors in (Farley et al.), 485
- rupture with use of vaginal prostaglandin E<sub>2</sub> for induction of labor (Claman, Carpenter, and Reiter), 889 (Comm. in brief) sarcomas, cytoplasmic estrogen and progesterone receptor content of (Soper et al.), 342
- strangulation of premature infant (Goodlin and Kubitz), 435 (Comm.
- in brief) Uteroplacental (spiral) arteries of human placental bed show presence of amniotic basement membrane antigens (Wells et al.),
- Uterus, bicornuate, successful outcome of twin gestation in both horns of (Ahram et al.), 323 (Comm. in brief)
  - gravid, spontaneous rupture of, in patient with diethylstilbestrol-type genital changes (Williamson, Sowell, and Smith), 158
  - uterine contractility after rupture of: case report (Zuidema, Goldkrand, and Work), 783 (Comm. in brief)
- human, oxytocin receptors in, during pregnancy and parturition (Fuchs et al.), 734

- Vaginal delivery, spontaneous, at term and adrenocorticotropin-induced premature delivery, comparison of changes in ovine plasma chorionic somatomammotropin concentrations in fetus and mother before (Lowe et al.), 524
  - flora in pregnancy, prospective study of: risk factors for prematurity and premature rupture of membranes (Minkoff et al.), 965
- prostaglandin E2 for induction of labor, uterine rupture with use of (Claman, Carpenter, and Reiter), 889 (Comm. in brief)
- stenosis, noncongenital, and distortion, management of, by bicycle seat stool pressure technique (Williams, Ingram, and Welden), 166
- Vaginitis, nonspecific (bacterial vaginosis), prevalence, six-month persistence, and predictive values of laboratory indicators of, in asymptomatic women (Bump et al.), 917
- Vaginosis, bacterial (nonspecific vaginitis), prevalence, six-month per-sistence, and predictive values of laboratory indicators of, in asymptomatic women (Bump et al.), 917
- Vascular endothelial damage, possible biochemical marker for: plasma fibronectin levels in preeclampsia (Stubbs, Lazarchick, and Horger), 885 (Current investigation)
- Ventricular size and contractility, M-mode assessment of, during second and third trimesters of pregnancy in normal fetus, IV. Fetal echocardiography (DeVore, Siassi, and Platt), 981
- Vertex presentation, association between cesarean birth and outcome in: relative importance of birth weight, Dubowitz scores,
- and delivery route (Rosen and Chik), 775 Villus biopsy, chorionic, diagnosis of trisomy 21 by (Chatterjee et al.), 319 (Comm. in brief)
- Virus, herpes simplex, asymptomatic genital excretion of, during early labor (Hankins et al.), 100 (Comm. in brief)
- Vitamin D metabolites in maternal and cord blood, effects on serum concentrations of: anticonvulsant drug therapy in human pregnancy (Markestad et al.), 254
- intake during early pregnancy and reduction limb defects, lack of association between (Aro et al.), 433 (Comm. in brief)
- Volume, plasma, effects of diuretics on, in pregnancies with long-term hypertension (Sibai, Grossman, and Grossman), 831
- VP16-213- and cisplatin-containing regimen for treatment of refractory ovarian germ cell malignancies (Smith, Clarke-Pearson, and Creasman), 927
- oral, use of, as primary chemotherapeutic agent in treatment of gestational trophoblastic disease (Wong, Choo, and Ma), 924
- Vulva, bullous pemphigoid of: case report (Stage, Humeniuk, and Easley), 169
- Vulvar carcinoma in situ, wide local excision in treatment of: reappraisal (Wolcott and Gallup), 695 ten-year prospective study in management change of (Trelford
  - et al.), 288 lichen sclerosus, genetic aspects of (Friedrich and MacLaren), 161

- Warts, genital, and cervical cancer. VI. Relationship between aneuploid
- and polyploid cervical lesions (Reid et al.), 189
  Weight, abdominal swelling, and perceived body image: premenstrual syndrome (Faratian et al.), 200
- birth, Dubowitz scores, and delivery route, relative importance of: association between cesarean birth and outcome in vertex presentation (Rosen and Chik), 775

White blood cells, effects of betamethasone on, in patients with premature rupture of membranes and preterm labor (Ferguson, Hensleigh, and Gill), 439 (Comm. in brief)

X

- X-linked aqueductal stenosis, natural history of, in second and third trimesters of pregnancy (Friedman and Santos-Ramos), 104 (Comm. in brief)
- XY and XX complete moles: clinical and morphologic correlations (Kajii et al.), 57

Y

Young and middle-aged women, cardiorespiratory efficiency at sub-maximal work in (Zauner et al.), 712

